



**CONSENT AGENDA  
DRAINAGE DISTRICT  
BOARD OF DIRECTORS  
October 28, 2014  
9:00 A.M.**

**NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a REGULAR MEETING of the Drainage District #1 Board of Directors will be held at the Edinburg Council Chambers 415 W. University Drive, 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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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-47021** Discharge permits:  
Hidalgo County Precinct Four - Hoehn Drive Subdivision - elevation 96.99 & 96.18
3. **AI-47162** Request approval of the following items after review and audit procedures have been completed:  
  
Invoice no. 3694 in the amount of \$59,882.40 from R. Gutierrez Engineering related to Work Authorization no. 4-Dicker Road Drain. PO#625167.  
  
Invoice no. 0060718 in the amount of \$568.56 from Melden & Hunt, Inc. Inc. related to Work Authorization No. 1-Rado Drain Rehab Project. PO#622596-14.
4. **AI-47170** Request approval to issue payment on the following items after review and audit procedures have been completed:  
  
Invoice No. 11324955 in the amount of \$50,075.42 from L&G Consulting Engineers Inc. related to Work Authorization no. 4-Mission Inlet Recertification Project. PO#624010-14.  
  
Invoice No. 11324956 in the amount of \$47,673.86 from L&G Consulting Engineers Inc. related to Work Authorization No. 4-Mission Inlet Recertification Project. PO#625396-14.

AI-47021

2.

**DRAINAGE - CONSENT**

**Meeting Date:** 10/28/2014

Submitted By: Sylvia Sanchez, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge permits:

Hidalgo County Precinct Four - Hoehn Drive Subdivision - elevation 96.99 & 96.18

BACKGROUND

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Form Review

| <b>Inbox</b>                    | <b>Reviewed By</b>              | <b>Date</b>                     |
|---------------------------------|---------------------------------|---------------------------------|
| Budget & Management             | Veronica Ortiz                  | 10/17/2014 02:17 PM             |
| Final Approval                  | Monica Badillo                  | 10/24/2014 06:03 PM             |
| Form Started By: Sylvia Sanchez |                                 | Started On: 10/16/2014 10:14 AM |
|                                 | Final Approval Date: 10/24/2014 |                                 |

AI-47162

3.

**DRAINAGE - CONSENT**

**Meeting Date:** 10/28/2014

Submitted By: Claudette Guerrero, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Request approval of the following items after review and audit procedures have been completed:

Invoice no. 3694 in the amount of \$59,882.40 from R. Gutierrez Engineering related to Work Authorization no. 4-Dicker Road Drain. PO#625167.

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BACKGROUND

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Attachments

R. GTZ Inv#3694

Melden Inv#0060718

Form Review

| <b>Inbox</b>                        | <b>Reviewed By</b>              | <b>Date</b>                     |
|-------------------------------------|---------------------------------|---------------------------------|
| Budget & Management                 | Veronica Ortiz                  | 10/24/2014 04:06 PM             |
| Final Approval                      | Monica Badillo                  | 10/24/2014 06:03 PM             |
| Form Started By: Claudette Guerrero |                                 | Started On: 10/24/2014 03:24 PM |
|                                     | Final Approval Date: 10/24/2014 |                                 |

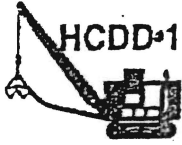
# HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7089



GODFREY GARZA, JR.  
MANAGER

## INVOICE PROCESSING CHECKLIST

Data Received: 10-13-14

Engineer/Firm Name: R. GUTERREZ ENG.

Project Name/Number: DICKER RD. DRAIN

Invoice No: #3694

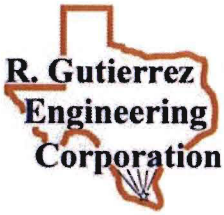
Logged in and Scanned: 8:08 10/13 By: ROSARCE Forwarded to: JOEY GARZA

| Engineer               | Name | Date | Comment |
|------------------------|------|------|---------|
| Scope of work reviewed |      |      |         |
|                        |      |      |         |
|                        |      |      |         |

| Accounting                | Name | Date | Comment |
|---------------------------|------|------|---------|
| Encumbrance               |      |      |         |
| Purchase Order Attached   |      |      |         |
| Audit                     |      |      |         |
| Final Approval for Agenda |      |      |         |
|                           |      |      |         |

|                  | Name | Date | Comment |
|------------------|------|------|---------|
| Placed on Agenda |      |      |         |

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



**Professional Engineers & Land Surveyors**

130 E. PARK AVENUE • PHARR, TEXAS 78577

(TEL) 056-782-2557 • (FAX) 056-782-2558

Engineering Firm F-486 • Surveying Firm #101650-00

Invoice Number 3694

Date 10/8/2014

Due on receipt

# Invoice

Hidalgo County Drainage No. 1  
Godfrey Garza, Jr.  
902 N. Doolittle  
Edinburg, TX 78542

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

OCT 13 2014

8:08 AM PM

BY: Rosa Arce

**Project: Dicker Road Drain**

Project No.: ENG13.001  
Contract No.: WA#4  
PO No.

Const. Cost \_\_\_\_\_  
% of Const. Cost \_\_\_\_\_  
Billing Fee 96,853.00

| <u>Phase</u>                     | <u>Phase Fee</u> | <u>% Complete</u> | <u>Fee Earned</u> | <u>Prior Billing</u> | <u>Current Fee</u> |
|----------------------------------|------------------|-------------------|-------------------|----------------------|--------------------|
| Data Collection                  | 12,475.50        | 100.00%           | 12,475.50         |                      | 12,475.50          |
| Preliminary Engineering & Design | 12,475.50        | 60.00%            | 7,485.30          |                      | 7,485.30           |
| Engineering Design               | 24,951.00        | 100.00%           | 24,951.00         |                      | 24,951.00          |
| Plans, Specifications & Estimate | 12,475.50        | 60.00%            | 7,485.30          |                      | 7,485.30           |
| Topographic Surveying            | 12,475.50        | 60.00%            | 7,485.30          |                      | 7,485.30           |
| ROW Surveying (8 Parcels)        | 22,000.00        | 0.00%             |                   |                      | 0.00               |

**Balance Due** \$59,882.40

# R. Gutierrez Engineering Corporation

# Transmittal Form

TO: Godfrey Garza, Jr.  
Hidalgo County Drainage Dist. No. 1  
c/o Noe Saldivar

FROM: Ramiro Gutierrez

SUBJECT: Dicker Road Drain

PROJECT NO.: ENG13.001

DATE: 10/10/14

WE ARE SENDING YOU  ATTACHED  UNDER SEPARATE COVER VIA Hand Delivery THE FOLLOWING ITEMS:

BLUEPRINTS  PLANS  SHOP DRAWINGS  CD

CHANGE ORDER  SAMPLES  PAYMENT REQUEST  INVOICE

BID TABULATION  CONTRACT DOCUMENTS  RECORD DRAWINGS  OTHER:

| QUANTITY / SETS | DATED | ITEM DESCRIPTION |
|-----------------|-------|------------------|
| 1               | 10/9  | INVOICE 3694     |
| 1               | 10/9  | COVER LETTER     |
| 1               | -     | PLANS            |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |
|                 |       |                  |

THESE ARE TRANSMITTED AS CHECKED BELOW:

FOR BIDS DUE  APPROVED AS NOTED  FOR YOUR RECORDS

FOR APPROVAL  APPROVED AS SUBMITTED  FOR YOUR ACKNOWLEDGEMENT

FOR YOUR USE  RETURN FOR CORRECTIONS  RESUBMIT FOR APPORVAL

AS REQUESTED  FOR FURTHER PROCESSING  ON LOAN

FOR REVIEW AND COMMENT  FOR SIGNATURE  OTHER

COMMENTS:  
**RECEIVED**  
 HIDALGO COUNTY  
 DRAINAGE DISTRICT #1

OCT 13 2014

8:08 AM PM

BY: Rosa Arce

Copy Distribution: file Received by: X JB

October 9, 2014

Godfrey Garza, Jr.  
Hidalgo County Drainage District No. 1  
902 N. Doolittle  
Edinburg, TX 78539

RE: Dicker Road Drain Project

Dear Mr. Garza:

Attached are the plans that were being developed as part of the Dicker Road Drain project. We worked on this project as fast as we could due to it being a 2012 Bond Referendum project.

At the time we were asked to stop work, we had already performed a lot of the work that was going to be required. The work we performed and stage of completion are as follows:

1. We had finished the Data Collection for the project.
2. We had performed approximately 60% of the Preliminary Engineering and Design.
3. We had completed the Engineering Design part of the project.
4. We had developed the plans to approximately 60%.
5. We had performed approximately 60% of the Topographic Survey work.

We have included an invoice to cover these items. If you have any questions regarding this matter please do not hesitate to call us. You can call me at 956-782-2557 or on my mobile at 956-227-2154.

Sincerely,



Ramiro Gutierrez, P.E.  
President

Attach: Project Plans

cc: Project Files

# HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.  
MANAGER

## INVOICE PROCESSING CHECKLIST

Date Received: 10-15-14

Engineer/Firm Name: Melden & Hunt Inc.

Project Name/Number: RADO Drain Proj.

Invoice No: #0060718

Logged in and Scanned: BPM 10/15 By: R. Arce Forwarded to: Joey Garza

| Engineer               | Name | Date | Comment |
|------------------------|------|------|---------|
| Scope of work reviewed |      |      |         |
|                        |      |      |         |
|                        |      |      |         |

| Accounting                | Name | Date | Comment |
|---------------------------|------|------|---------|
| Encumbrance               |      |      |         |
| Purchase Order Attached   |      |      |         |
| Audit                     |      |      |         |
| Final Approval for Agenda |      |      |         |
|                           |      |      |         |

|                  | Name | Date | Comment |
|------------------|------|------|---------|
| Placed on Agenda |      |      |         |

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

| <b>7129.02</b>                  |                   |                   | <b>September</b> | <b>2014</b>   |                   |
|---------------------------------|-------------------|-------------------|------------------|---------------|-------------------|
|                                 |                   |                   | <b>Invoice</b>   | <b>60718</b>  |                   |
| Billing Phase                   | Fee               | Prior Fee         | Percent Complete | Current Fee   | Earned            |
| Eval of Alt/Prel. Eng Report    | 30,118.90         | 30,118.90         | 100.00           |               | 30,118.90         |
| Design Engineering              | 180,713.38        | 180,713.38        | 100.00           |               | 180,713.38        |
| Bidding/Recommendations         | 15,059.45         | 15,059.45         | 100.00           |               | 15,059.45         |
| Const. Eng. Derv/Proj.Perfor    | 75,297.24         | 75,297.24         | 100.00           | 0.00          | 75,297.24         |
| Reimbursables                   | 0.00              |                   | 0.00             |               | 0.00              |
| <b>Totals</b>                   | <b>301,188.97</b> | <b>301,188.97</b> |                  | <b>0.00</b>   | <b>301,188.97</b> |
| <br>                            |                   |                   |                  |               |                   |
| <b>7129.01</b>                  |                   |                   |                  |               |                   |
| Billing Phase                   | Fee               | Prior Fee         | Percent Complete | Current Fee   | Earned            |
| Geotech                         | 25,000.00         | 25,000.00         | 100.00           | 0.00          | 25,000.00         |
| Surveying Services (.09)        | 16,732.72         | 16,732.72         | 100.00           | 0.00          | 16,732.72         |
| Res. Project Inspection         | 85,867.33         | 0.00              | 0.00             | 0.00          | 0.00              |
| Const. Material Testing         | 25,000.00         | 1,750.00          | 7.00             |               | 1,750.00          |
| Reimbursables                   | 0.00              | 0.00              | 0.00             |               | 0.00              |
|                                 | 152,600.05        | 43,482.72         |                  | 0.00          | 43,482.72         |
| <br>                            |                   |                   |                  |               |                   |
| <b>7129.16</b>                  |                   |                   |                  |               |                   |
| (Billed Hourly as per Contract) |                   |                   | Current Hours    | Total Amount  |                   |
|                                 |                   |                   | 8.25             | 568.56        |                   |
| <b>Total This Invoice</b>       |                   |                   |                  | <b>568.56</b> |                   |

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

OCT 15 2014

2:15 AM/PM

BY: *Rosa Arce*

**Invoice**

**MELDEN & HUNT, INC.**  
**Consulting Engineers**  
**115 West McIntyre**  
**Edinburg, Texas 78541**

**RECEIVED**  
 HIDALGO COUNTY  
 DRAINAGE DISTRICT #1

OCT 15 2014

2:15 AM / PM  
 BY: *R. Palice*

September 30, 2014  
 Project No: 07129.02  
 Invoice No: 0060718

Hidalgo County Drainage District #1  
 Attention: Godfrey Garza  
 902 N. Doolittle  
 Edinburg, TX 78541

Project 07129.02 HCDD#1-RADO Drain Pct 2- Basic Services  
 Rado Drain Pct 2 - Basic Services. P.O. #622613.

**Professional Services from September 01, 2014 to September 30, 2014**  
**Fee**

| Billing Phase                      | Fee                  | Percent Complete          | Earned            |             |
|------------------------------------|----------------------|---------------------------|-------------------|-------------|
| Eval. of Alt/ Prel. Eng. Report    | 30,118.90            | 100.00                    | 30,118.90         |             |
| Design Engineering                 | 180,713.38           | 100.00                    | 180,713.38        |             |
| Bidding/ Recommendations           | 15,059.45            | 100.00                    | 15,059.45         |             |
| Const. Eng. Serv/Proj. Performance | 75,297.24            | 100.00                    | 75,297.24         |             |
| Reimbursables                      | 0.00                 | 0.00                      | 0.00              |             |
| <b>Total Fee</b>                   | <b>301,188.97</b>    |                           | <b>301,188.97</b> |             |
|                                    | Previous Fee Billing |                           | 301,188.97        |             |
|                                    | Current Fee Billing  |                           | 0.00              |             |
|                                    | <b>Total Fee</b>     |                           |                   | <b>0.00</b> |
|                                    |                      | <b>Total this Project</b> |                   | <b>0.00</b> |

**Billings to date**

|              | Current     | Prior             | Total             |
|--------------|-------------|-------------------|-------------------|
| Fee          | 0.00        | 301,188.97        | 301,188.97        |
| Expense      | 0.00        | 17.00             | 17.00             |
| <b>Total</b> | <b>0.00</b> | <b>301,205.97</b> | <b>301,205.97</b> |

Project 07129.01 HCDD#1 -RADO Drain Pct. 2 - Special Serv  
 Rado Drain Pct. 2 - Special Services. P.O. #622596.

**Fee**

| Billing Phase                   | Fee                  | Percent Complete          | Earned           |             |
|---------------------------------|----------------------|---------------------------|------------------|-------------|
| Geotech                         | 25,000.00            | 100.00                    | 25,000.00        |             |
| Surveying Services (.09)        | 16,732.72            | 100.00                    | 16,732.72        |             |
| Resident Proj. Inspection (.16) | 85,867.33            | 0.00                      | 0.00             |             |
| Const. Material Testing         | 25,000.00            | 7.00                      | 1,750.00         |             |
| Reimbursables                   | 0.00                 | 0.00                      | 0.00             |             |
| <b>Total Fee</b>                | <b>152,600.05</b>    |                           | <b>43,482.72</b> |             |
|                                 | Previous Fee Billing |                           | 43,482.72        |             |
|                                 | Current Fee Billing  |                           | 0.00             |             |
|                                 | <b>Total Fee</b>     |                           |                  | <b>0.00</b> |
|                                 |                      | <b>Total this Project</b> |                  | <b>0.00</b> |

**Billings to date**

|              | <b>Current</b> | <b>Prior</b>     | <b>Total</b>     |
|--------------|----------------|------------------|------------------|
| Fee          | 0.00           | 43,482.72        | 43,482.72        |
| <b>Total</b> | <b>0.00</b>    | <b>43,482.72</b> | <b>43,482.72</b> |

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Project 07129.16 HCDD#1-twin 115-in CMP, RADO Drain

Rado Drain Pct 2 - Inspections Services as per contract rates.

**Professional Personnel**

|                    | <b>Hours</b> | <b>Amount</b>             |                 |
|--------------------|--------------|---------------------------|-----------------|
| Totals             | 8.25         | 568.56                    |                 |
| <b>Total Labor</b> |              |                           | <b>568.56</b>   |
|                    |              | <b>Total this Project</b> | <b>\$568.56</b> |

**Billings to date**

|              | <b>Current</b> | <b>Prior</b>    | <b>Total</b>    |
|--------------|----------------|-----------------|-----------------|
| Labor        | 568.56         | 8,013.15        | 8,581.71        |
| <b>Total</b> | <b>568.56</b>  | <b>8,013.15</b> | <b>8,581.71</b> |

**Total this Invoice \$568.56**

**Outstanding Invoices**

| <b>Number</b> | <b>Date</b> | <b>Balance</b>   |
|---------------|-------------|------------------|
| 0059958       | 5/31/2014   | 19,996.97        |
| 0060528       | 8/31/2014   | 8,151.58         |
| <b>Total</b>  |             | <b>28,148.55</b> |

**Total Now Due \$28,717.11**

# Labor Detail

MELDEN & HUNT, INC.

For the period 9/1/2014 - 9/30/2014

Friday, October 10, 2014  
10:18:40 AM

|   |               | Date      | Regular Hours | Total Ovt Hrs | Total Hours | Regular Billing | Tot. Ovt Billing | Total Billing |
|---|---------------|-----------|---------------|---------------|-------------|-----------------|------------------|---------------|
| Project Number: 07129.16 HCDD#1-twin 115-in CMP, RADO Drain |               |           |               |               |             |                 |                  |               |
| Labor Code Level 1: 00 General                              |               |           |               |               |             |                 |                  |               |
| Labor Code Level 2: 331 Delivery                            |               |           |               |               |             |                 |                  |               |
| 00211   | ZAPATA, OSCAR | 9/18/2014 | .25           |               | .25         |                 |                  |               |
| d/o invoice & inspection report @ HCDD#1                    |               |           |               |               |             |                 |                  |               |
| Labor Code Level 1: 06 Construction Administration          |               |           |               |               |             |                 |                  |               |
| Labor Code Level 2: 126 Inspection / Reports                |               |           |               |               |             |                 |                  |               |
| 00236   | VELA, JUAN    | 9/3/2014  | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/8/2014  | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/15/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/16/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/19/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/22/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/26/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| 00236   | VELA, JUAN    | 9/29/2014 | 1.00          |               | 1.00        | 71.07           |                  | 71.07         |
| Total for 126   |               |           | 8.00          |               | 8.00        | 568.56          |                  | 568.56        |
| Total for 06  |               |           | 8.00          |               | 8.00        | 568.56          |                  | 568.56        |
| Total for 07129.16  |               |           | 8.25          |               | 8.25        | 568.56          |                  | 568.56        |

**FIELD PROJECT REPORT**

REPORT: 117     MON     TUE     WED     TH     FRI    DATE: 09-03-14

**Project Information**

**PROJECT**    *RADO Storm Sewer Rehab*    **DAYS USED IN CONTRACT**

**OWNER:**    *Hidalgo County Drainage District*    **MHI JOB # 07129.16**

**CONTRACTOR:**    *Inland Pipe Rehab South Central / REIM*

**WEATHER**    **TEMPERATURES: 82**    **CONDITION**

CLEAR     CLOUDY     PARTLY CLOUDY     RAIN     DRY     DAMP     MUDDY     OVERCAST

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTATION      |

PERSONNEL ON JOB: 0    TOTAL HOUR'S: 0

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:  
No Activity

CONTRACTOR COMMENTS: None

VISITORS:

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

REPORT: 118     MON     TUE     WED     TH     FRI    DATE: 09-08-14

**Project Information**

|                    |   |                              |
|--------------------|---|------------------------------|
| <b>PROJECT</b>     | <i>RADO Storm Sewer Rehab</i>                 | <b>DAYS USED IN CONTRACT</b> |
| <b>OWNER:</b>      | <i>Hidalgo County Drainage District</i>       | <b>MHI JOB # 07129.16</b>    |
| <b>CONTRACTOR:</b> | <i>Inland Pipe Rehab South Central / REIM</i> |                              |

|  |                               |   |
|--|-------------------------------|---|
| <b>WEATHER</b>   | <b>TEMPERATURES: 95</b>       | <b>CONDITION</b>  |
| <input type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input checked="" type="checkbox"/> PARTLY CLOUDY | <input type="checkbox"/> RAIN | <input type="checkbox"/> DRY <input type="checkbox"/> DAMP <input type="checkbox"/> MUDDY <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTION        |
| PERSONNEL ON JOB: 3                          |  | TOTAL HOUR'S: 8                            |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:

REIM is working on forming pads for installation of manhole rim and covers.

CONTRACTOR COMMENTS: None

VISITORS: \_\_\_\_\_

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

REPORT: 119     MON     TUE     WED     TH     FRI    DATE: 09-15-14

**Project Information**

|                    |   |                              |
|--------------------|---|------------------------------|
| <b>PROJECT</b>     | <i>RADO Storm Sewer Rehab</i>                 | <b>DAYS USED IN CONTRACT</b> |
| <b>OWNER:</b>      | <i>Hidalgo County Drainage District</i>       | <b>MHI JOB # 07129.16</b>    |
| <b>CONTRACTOR:</b> | <i>Inland Pipe Rehab South Central / REIM</i> |                              |

|  |                               |   |
|--|-------------------------------|---|
| <b>WEATHER</b>   | <b>TEMPERATURES: 88</b>       | <b>CONDITION</b>  |
| <input type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input checked="" type="checkbox"/> PARTLY CLOUDY | <input type="checkbox"/> RAIN | <input type="checkbox"/> DRY <input type="checkbox"/> DAMP <input type="checkbox"/> MUDDY <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTION        |
| PERSONNEL ON JOB: 3                          |  | TOTAL HOUR'S: 8                            |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:  
REIM has completed install of rim and cover for access manholes south of Uvalde Street.

CONTRACTOR COMMENTS: None

VISITORS: \_\_\_\_\_

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

|                    |                              |   |                              |                             |                              |                       |
|--------------------|------------------------------|---|------------------------------|-----------------------------|------------------------------|-----------------------|
| <b>REPORT: 120</b> | <input type="checkbox"/> MON | <input checked="" type="checkbox"/> TUE | <input type="checkbox"/> WED | <input type="checkbox"/> TH | <input type="checkbox"/> FRI | <b>DATE: 09-16-14</b> |
|--------------------|------------------------------|---|------------------------------|-----------------------------|------------------------------|-----------------------|

**Project Information**

|  |  |                                   |
|--|--|-----------------------------------|
| <b>PROJECT</b>                         | RADO Storm Sewer Rehab                   | <b>DAYS USED IN CONTRACT</b>      |
| <b>OWNER:</b>                          | Hidalgo County Drainage District         | <b>MHI JOB # 07129.16</b>         |
| <b>CONTRACTOR:</b>                     | Inland Pipe Rehab South Central / REIM   |                                   |
| <b>WEATHER</b>                         | <b>TEMPERATURES: 93</b>                  | <b>CONDITION</b>                  |
| <input type="checkbox"/> CLEAR         | <input type="checkbox"/> CLOUDY          | <input type="checkbox"/> DRY      |
| <input type="checkbox"/> PARTLY CLOUDY | <input checked="" type="checkbox"/> RAIN | <input type="checkbox"/> DAMP     |
|  |  | <input type="checkbox"/> MUDDY    |
|  |  | <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTION        |
| <b>PERSONNEL ON JOB: 0</b>                   |  | <b>TOTAL HOUR'S: 0</b>                     |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: NoneMATERIALS RECEIVED TODAY: NoneDIFFICULTIES ON JOB: NoneDIFFICIENCIES: NoneDISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:

No Activity (upstream dams need to be removed earthen one has partially washed away)CONTRACTOR COMMENTS: None

VISITORS: \_\_\_\_\_

PROJECT SUPERINTENDENT: Chuck Slack  
 RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

REPORT: 121     MON     TUE     WED     TH     FRI    DATE: 09-19-14

**Project Information**

**PROJECT**    *RADO Storm Sewer Rehab*    **DAYS USED IN CONTRACT**

**OWNER:**    *Hidalgo County Drainage District*    **MHI JOB # 07129.16**

**CONTRACTOR:**    *Inland Pipe Rehab South Central / REIM*

**WEATHER**    **TEMPERATURES: 93**    **CONDITION**  
 CLEAR     CLOUDY     PARTLY CLOUDY     RAIN     DRY     DAMP     MUDDY     OVERCAST

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTATION      |

PERSONNEL ON JOB: 0    TOTAL HOUR'S: 0

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:  
No Activity

CONTRACTOR COMMENTS: None

VISITORS:

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

|             |   |                              |                              |                             |                              |                |
|-------------|---|------------------------------|------------------------------|-----------------------------|------------------------------|----------------|
| REPORT: 122 | <input checked="" type="checkbox"/> MON | <input type="checkbox"/> TUE | <input type="checkbox"/> WED | <input type="checkbox"/> TH | <input type="checkbox"/> FRI | DATE: 09-22-14 |
|-------------|---|------------------------------|------------------------------|-----------------------------|------------------------------|----------------|

**Project Information**

|                |                        |                              |
|----------------|------------------------|------------------------------|
| <b>PROJECT</b> | RADO Storm Sewer Rehab | <b>DAYS USED IN CONTRACT</b> |
|                |                        |                              |

|                    |  |                           |
|--------------------|--|---------------------------|
| <b>OWNER:</b>      | Hidalgo County Drainage District       | <b>MHI JOB # 07129.16</b> |
| <b>CONTRACTOR:</b> | Inland Pipe Rehab South Central / REIM |                           |

|  |  |                                   |
|--|--|-----------------------------------|
| <b>WEATHER</b>                         | <b>TEMPERATURES: 90</b>                  | <b>CONDITION</b>                  |
| <input type="checkbox"/> CLEAR         | <input type="checkbox"/> CLOUDY          | <input type="checkbox"/> DRY      |
| <input type="checkbox"/> PARTLY CLOUDY | <input checked="" type="checkbox"/> RAIN | <input type="checkbox"/> DAMP     |
|  |  | <input type="checkbox"/> MUDDY    |
|  |  | <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTATION      |
| PERSONNEL ON JOB: 0                          |  | TOTAL HOUR'S: 0                            |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:

No Activity

CONTRACTOR COMMENTS: None

VISITORS:

PROJECT SUPERINTENDENT: Chuck Slack  
 RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

REPORT: 123     MON     TUE     WED     TH     FRI    DATE: 09-26-14

**Project Information**

|                    |   |                              |
|--------------------|---|------------------------------|
| <b>PROJECT</b>     | <i>RADO Storm Sewer Rehab</i>                 | <b>DAYS USED IN CONTRACT</b> |
| <b>OWNER:</b>      | <i>Hidalgo County Drainage District</i>       | <b>MHI JOB # 07129.16</b>    |
| <b>CONTRACTOR:</b> | <i>Inland Pipe Rehab South Central / REIM</i> |                              |

|   |  |   |
|---|--|---|
| <b>WEATHER</b>  | <b>TEMPERATURES: 88</b>                  | <b>CONDITION</b>  |
| <input type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input type="checkbox"/> PARTLY CLOUDY | <input checked="" type="checkbox"/> RAIN | <input type="checkbox"/> DRY <input type="checkbox"/> DAMP <input type="checkbox"/> MUDDY <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTATION      |
| PERSONNEL ON JOB: 0                          |  | TOTAL HOUR'S: 0                            |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:  
No Activity

CONTRACTOR COMMENTS: None

VISITORS: \_\_\_\_\_

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela

**FIELD PROJECT REPORT**

REPORT: 124     MON     TUE     WED     TH     FRI    DATE: 09-29-14

**Project Information**

|                |                               |                              |
|----------------|-------------------------------|------------------------------|
| <b>PROJECT</b> | <i>RADO Storm Sewer Rehab</i> | <b>DAYS USED IN CONTRACT</b> |
|                |                               |                              |

|                    |   |                           |
|--------------------|---|---------------------------|
| <b>OWNER:</b>      | <i>Hidalgo County Drainage District</i>       | <b>MHI JOB # 07129.16</b> |
| <b>CONTRACTOR:</b> | <i>Inland Pipe Rehab South Central / REIM</i> |                           |

|  |                               |   |
|--|-------------------------------|---|
| <b>WEATHER</b>   | <b>TEMPERATURES: 89</b>       | <b>CONDITION</b>  |
| <input type="checkbox"/> CLEAR <input type="checkbox"/> CLOUDY <input checked="" type="checkbox"/> PARTLY CLOUDY | <input type="checkbox"/> RAIN | <input type="checkbox"/> DRY <input type="checkbox"/> DAMP <input type="checkbox"/> MUDDY <input type="checkbox"/> OVERCAST |

**CLASSIFICATION OF WORKMEN ON THE PROJECT**

|  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> SITEWORK | <input type="checkbox"/> CONCRETE              | <input type="checkbox"/> MASONRY           | <input type="checkbox"/> REBAR                |
| <input type="checkbox"/> WOOD AND PLASTICS   | <input type="checkbox"/> THERMAL MOISTURE PRO  | <input type="checkbox"/> DOORS AND WINDOWS | <input type="checkbox"/> FINISHES             |
| <input type="checkbox"/> SPECIALTIES         | <input checked="" type="checkbox"/> EQUIPMENT  | <input type="checkbox"/> FURNISHINGS       | <input type="checkbox"/> SPECIAL CONSTRUCTION |
| <input type="checkbox"/> CONVEYING SYSTEMS   | <input checked="" type="checkbox"/> MECHANICAL | <input type="checkbox"/> ELECTRICAL        | <input type="checkbox"/> INSTRUMENTATION      |
| PERSONNEL ON JOB: 0                          |  | TOTAL HOUR'S: 0                            |   |

**MAJOR EQUIPMENT ON PROJECT**

|                                  |                                  |   |   |                                 |
|----------------------------------|----------------------------------|---|---|---------------------------------|
| <input type="checkbox"/> CRANES  | <input type="checkbox"/> LOADERS | <input type="checkbox"/> BACKHOES (TRK) | <input type="checkbox"/> BACKHOES (TIRE)  | <input type="checkbox"/> DOZERS |
| <input type="checkbox"/> WELDERS | <input type="checkbox"/> PUMPS   | <input type="checkbox"/> COMPRESSORS    | <input checked="" type="checkbox"/> TRUCK | <input type="checkbox"/> LIFTS  |

TESTING DONE TODAY: None

MATERIALS RECEIVED TODAY: None

DIFFICULTIES ON JOB: None

DIFFICIENCIES: None

DISPUTES: None

DESCRIPTION OF WORK ACCOMPLISHED:  
No Activity

CONTRACTOR COMMENTS: None

VISITORS:

PROJECT SUPERINTENDENT: Chuck Slack  
RESIDENT PROJECT REPRESENTATIVE: Juan Vela



TBPE Firm # F-1435  
TBPLS # 10096900

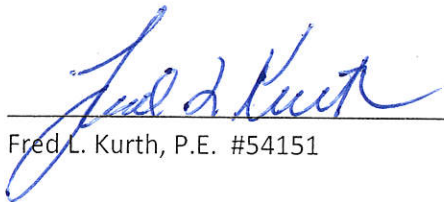
# MELDEN & HUNT INC.

CONSULTANTS • ENGINEERS • SURVEYORS  
FRED L. KURTH • ALLAN F. BOOE • KELLEY A. HELLER-VELA • ROBERT TAMEZ

## RADO Drain Project Engineering Report

September 2014

- 1) IPR has completed install of access manhole rim and cover.
- 2) IPR removed 18" PVC culvert that was placed on earthen dam.

  
Fred L. Kurth, P.E. #54151





# MELDEN & HUNT INC.

CONSULTANTS ENGINEERS SURVEYORS

TBPE FIRM# F-1435

115 West McIntyre  
Edinburg, TX 78541  
(956) 381-0981  
(956) 381-1839 fax  
[www.meldenandhunt.com](http://www.meldenandhunt.com)

227 N. FM 3167  
Rio Grande City, TX 78582  
(956) 487-8256  
(956) 488-8591 fax

Date: October 15, 2014

## Transmittal

|            |                                  |
|------------|----------------------------------|
| To:        | Hidalgo County Drainage District |
| Attention: | Mr. Godfrey Garza                |
| From:      | Laura C. Garcia                  |
| Job Title: | RADO Drain Project               |
| Job No.:   | 07129.01/.02/.16                 |

**The following is being transmitted:**

- Plans  
 Construction Drawings  
 Documents  
 CD/Diskette  
 Legal Descriptions  
 Letter  
 Original Plat  
 Copies  
 Fee  
 Other:

**Transmitted as Follows:**

- For your use  
 As Requested  
 Review/Comment  
 Approval  
 Signature  
 FYI

| No. of Copies | Description  |
|---------------|--|
| 1             | September Invoice and Inspection Reports; September Engineering Report |
|               |  |
|               |  |

Remarks: Please review for processing.

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

OCT 13 2014

2:15 AM/PM

BY: Rosa Ace

Transmitted By: Laura C. Garcia, Accounting Dept.

Received By: \_\_\_\_\_

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

AI-47170

4.

**DRAINAGE - CONSENT**

**Meeting Date:** 10/28/2014

Submitted By: Claudette Guerrero, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Request approval to issue payment on the following items after review and audit procedures have been completed:

Invoice No. 11324955 in the amount of \$50,075.42 from L&G Consulting Engineers Inc. related to Work Authorization no. 4-Mission Inlet Recertification Project. PO#624010-14.

Invoice No. 11324956 in the amount of \$47,673.86 from L&G Consulting Engineers Inc. related to Work Authorization No. 4-Mission Inlet Recertification Project. PO#625396-14.

BACKGROUND

---

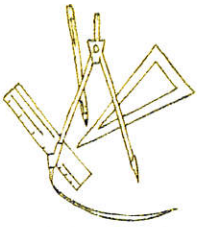
Attachments

L&G Inv#11324955

L&G Inv#11324956

Form Review

| Inbox                               | Reviewed By                     | Date                            |
|-------------------------------------|---------------------------------|---------------------------------|
| Final Approval                      | Monica Badillo                  | 10/24/2014 06:03 PM             |
| Form Started By: Claudette Guerrero |                                 | Started On: 10/24/2014 04:35 PM |
|                                     | Final Approval Date: 10/24/2014 |                                 |



October 2, 2014

Mr. Godfrey Garza – Executive Director  
**Attn: Ms. Lora Briones – Chief Financial Officer**  
 Hidalgo County Drainage District #1  
 902 N. Doolittle  
 Edinburg, Texas 78542

**RE: Work Authorization #4 on Mission Inlet Recertification Project – Progress Report**

**Job #130204**  
**P.O. #624010**

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered during the month of September 2014 on the subject referenced project.

The following is attached:

- L&G's Invoice # 11324955
  - CD w/ Inv Back-Up (Elec File Submit)
    - Task 10
    - Task 11
    - Task 12
    - Task 15 & Task 16 (together)

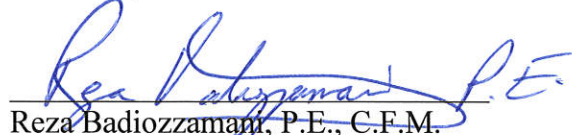
| TASK   |     | %<br>COMPL |
|--|-----|------------|
| FC13001 – Task 1 ~ Compilation & Review of Public Records (Appraisal District, Hidalgo County Records, HCDD #1 Easement & Quit Claim Deeds)        | L&G | 100%       |
| <b>Task Complete</b> – See progress report dated February 4, 2014  |     |            |
| FC16104 – Task 2 ~ Georeferencing of Parcels & Survey Plat Information for Overall Existing Floodway/Levee Easement Map                            | L&G | 100%       |
| <b>Task Complete</b> – See progress report dated February 4, 2014  |     |            |
| FC11001 – Task 3 ~ Sketching of Parcels & Survey Plats for Floodway/Levee Easements Identified w/ No Survey Info (Using Easement Claim Parameters) | L&G | 100%       |
| <b>Task Complete</b> – See progress report dated February 4, 2014  |     |            |
| FC10201 – Task 4 ~ Researching & Cross Referencing Latest HC Appraisal District Info w/ Documented Floodway/Levee Easement Data                    | L&G | 100%       |
| <b>Task Complete</b> – See progress report dated February 4, 2014  |     |            |
| FC16101 – Task 5 ~ Calculation of Areas of Existing Levee & Floodway Easements for Potential Release of Lien                                       | L&G | 100%       |
| <b>Task Complete</b> – See progress report dated February 4, 2014  |     |            |

|   |     |       |
|---|-----|-------|
| FC10205 – Task 6 ~ Segmenting, Organizing & Databasing (Electronic & Hard Copies) Existing HCDD #1 Data (Section I, II and III Project Binders)   | L&G | 100%  |
| <b>Task Complete</b> – See progress report dated February 4, 2014   |     |       |
| FC10204 – Task 7 ~ Support to HCDD #1 on Project Development (i.e. Meetings w/ Land Owners, Coord. w/ County, Coord. w/ Cities, etc.)   | L&G | 100%  |
| <b>Task Complete</b> – See progress report dated February 4, 2014   |     |       |
| FC16106 – Task 8 ~ Coord. & Supp. to CSE - HEC-HMS, RAS, & SWMM Model   | L&G | 98.4% |
| <b>No Update</b> – See progress report dated September 3, 2014  |     |       |
| FC16170 – (SUB) Task 9 ~ Phase II – Proposed Condition H&H Modeling Analysis  | CSE | 97.1% |
| <b>No Update</b> – See progress report dated September 3, 2014.   |     |       |
| FC10203 – Task 10 ~ Coord. w/ USIBWC/USACE for Cert. of Levee Sections  | L&G | 56.9% |
| <b>Update</b> – L&G has evaluated the various proposed condition options produced by CSE and has analyzed the need for true “Levee Sections” on the east side of the project. As presented to Mr. Godfrey Garza, the proposed condition options identify the need of excavating down below natural ground on the east basin of the Mission Inlet. The needed analysis in accordance with FEMA requirements is being modified to fit the actual application. |     |       |
| FC16107 – Task 11 ~ Coord. w/ FEMA for Accreditation of Levee   | L&G | 63.8% |
| <b>Update</b> – L&G has continued to coordinate the proposed condition modifications with CSE and FEMA. As elaborated on in Task 10, based on the final proposed condition improvements, our analysis will have to be modified to fit the purpose and need.   |     |       |
| FC16109 – Task 12 ~ Development of Final Proposed Conditions Graphic Files (Location Specific Exhibits) In Concert w/ H&H Modeling (Incl. Structure Sizing)   | L&G | 63%   |
| <b>Update</b> – L&G has continued to work with CSE on developing the needed graphic files for their further development of the final Proposed Condition Report.   |     |       |
| FC11004 – Task 13 ~ Development of Final Proposed Conditions Schematic w/ Typical Sections (For Usage in PS&E Development)  | L&G | 25%   |
| <b>No Update</b> – See Progress Report Dated August 4, 2014   |     |       |
| FC16108 – Task 15 ~ Coordination and Support to Hydraulic Engineer for Conditional Letter of Map Revision   | L&G | 28.6% |
| <b>Update</b> – L&G has continued coordination with CSE in the development of the Conditional Letter Map revision   |     |       |
| FC11040 – (SUB) Task 16 ~ Phase III – Conditional Letter of Map Revision  | CSE | 25.7% |
| <b>Update</b> – See progress report from CSE titled “Mission Inlet Recertification Project – Phase III ~ Monthly Progress Report No.#7 – September 2014” for a detailed explanation of the work that has been completed during this billing period.   |     |       |

|   |     |       |
|---|-----|-------|
| Direct Expenses   | L&G | 54.8% |
| <b>No Update</b> – See Progress Report Dated August 4, 2014 |     |       |

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) 583-7117.

Sincerely,



Reza Badiozzaman, P.E., C.F.M.  
Senior 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#: 11324955**  
**INVOICE DATE: 9/30/2014**

**BILL TO: 87**  
**Hidalgo County Drainage District#1**  
**902 N. Doolittle**  
**Edinburg, TX 78542**

**JOB:130204**  
**Mission Inlet Recertification Project**  
**WA#4**  
**P.O.#624010**

| DESCRIPTION   | CONTRACT                 | PREVIOUS APPLICATIONS    | CURRENT COMPLETED       | TOTAL COMPLETED          | % COMPL     | BALANCE TO FINISH        |
|---|--------------------------|--------------------------|-------------------------|--------------------------|-------------|--------------------------|
| <b>Engineering services for the month of September 2014.</b>  |                          |                          |                         |                          |             |                          |
| FC 13001 - Task 1 - Compilation & Review of Public Records    | 12,004.46                | 12,004.46                |                         | 12,004.46                | 100.0       | -                        |
| FC 16104 - Task 2 - Georeferencing of Parcels & Survey Plat   | 13,655.78                | 13,655.78                |                         | 13,655.78                | 100.0       | -                        |
| FC 11001 - Task 3 - Sketching of Parcels & Survey Plats for F | 13,655.78                | 13,655.78                |                         | 13,655.78                | 100.0       | -                        |
| FC 10201 - Task 4 - Researching & Cross Referencing Latest HC | 9,878.66                 | 9,878.66                 |                         | 9,878.66                 | 100.0       | -                        |
| FC 16101 - Task 5 - Calculation of Areas of Existing Levee &  | 10,429.26                | 10,429.26                |                         | 10,429.26                | 100.0       | -                        |
| FC 10205 - Task 6 - Segmenting, Organizing & Databasing       | 8,753.46                 | 8,753.46                 |                         | 8,753.46                 | 100.0       | -                        |
| FC 10204 - Task 7 - Support to HCDD#1 on Project Development  | 58,837.20                | 58,837.20                |                         | 58,837.20                | 100.0       | -                        |
| FC 16106 - Task 8 - Coordination and Support to Hydraulic Eng | 39,691.72                | 39,041.44                |                         | 39,041.44                | 98.4        | 650.28                   |
| FC 16170 - Task 9 - SUB/Phase II - Proposed Conditions H&H Mo | 394,813.00               | 383,305.17               |                         | 383,305.17               | 97.1        | 11,507.83                |
| FC 10203 - Task 10 - Coordination with USIBWC/USACE for Certi | 19,270.72                | 1,969.59                 | 8,991.34                | 10,960.93                | 56.9        | 8,309.79                 |
| FC 16107 - Task 11 - Coordination with FEMA for Accreditation | 11,267.32                | 1,169.25                 | 6,015.08                | 7,184.33                 | 63.8        | 4,082.99                 |
| FC 16109 - Task 12 - Development of Proposed Conditions Graph | 12,830.52                | 3,207.63                 | 4,877.10                | 8,084.73                 | 63.0        | 4,745.79                 |
| FC 11004 - Task 13 - Development of Final Proposed Conditions | 33,989.56                | 8,497.39                 |                         | 8,497.39                 | 25.0        | 25,492.17                |
| FC 16401 - Task 14 - Preliminary Engineering Report Summarizi | 18,782.74                |                          |                         | 0.00                     | 0.0         | 18,782.74                |
| FC 16108 - Task 15 - Coordination and Support to Hydraulic En | 21,321.50                | 3,076.32                 | 3,026.30                | 6,102.62                 | 28.6        | 15,218.88                |
| FC 11040 - Task 16 - Sub/Phase III - Conditional Letter of Ma | 212,227.00               | 27,471.63                | 27,165.60               | 54,637.23                | 25.7        | 157,589.77               |
| FC 16301 - Task 17 - Development of Final Binder w/All Data,  | 15,768.92                |                          |                         | 0.00                     | 0.0         | 15,768.92                |
|   | <u>907,177.60</u>        | <u>594,953.02</u>        | <u>50,075.42</u>        | <u>645,028.44</u>        |             | <u>262,149.16</u>        |
| Direct Expenses   | 16,250.00                | 8,898.82                 | 0.00                    | 8,898.82                 | 54.8        | 7,351.18                 |
|   | <u>16,250.00</u>         | <u>8,898.82</u>          | <u>0.00</u>             | <u>8,898.82</u>          |             | <u>7,351.18</u>          |
| <b>TOTALS:</b>  | <u><u>923,427.60</u></u> | <u><u>603,851.84</u></u> | <u><u>50,075.42</u></u> | <u><u>653,927.26</u></u> | <u>70.8</u> | <u><u>269,500.34</u></u> |

|                            |                     |
|----------------------------|---------------------|
| ORIGINAL CONTRACT SUM      | \$ 923,427.60       |
| CHANGE BY CHANGE ORDER     | \$ 0.00             |
| CONTRACT SUM TO DATE       | \$ 923,427.60       |
| TOTAL COMPLETED TO DATE    | \$ 653,927.26       |
| LESS PREVIOUS INVOICES     | \$ 603,851.84       |
| <b>CURRENT PAYMENT DUE</b> | <b>\$ 50,075.42</b> |

  
 PROJECT MANAGER'S SIGNATURE

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

**Project Workhour Report**

Mission Inlet Recert. Project WA#4  
 Reference: Inv#11324955  
 Date: 09/30/2014  
 P.O.#624010

|                        | Hrs   |   | Rate   | Total      |
|------------------------|-------|---|--------|------------|
| Senior Project Manager | 10.00 | X | 212.59 | \$2,125.90 |
| Senior Engineer        | 42.00 | X | 175.07 | \$7,352.94 |
| Design Engineer        | 86.00 | X | 112.55 | \$9,679.30 |
| Senior Engineer Tech   | 48.00 | X | 78.16  | \$3,751.68 |
| ROW Administrator      | 0.00  | X | 106.29 | \$0.00     |
| Admin/Clerical         | 0.00  | X | 56.27  | \$0.00     |

**Grand Total of Hours**

**\$ 22,909.82**  
 (Difference due to rounding hours) \$ -

**Invoice Summary**

Man Hours **\$ 22,909.82**  
 Sub Contract **\$ 27,165.60**  
 (See Attached Sub Invoice for Man Hour Breakdown)

| Direct Expenses   | Current<br>Units |   | Rate     |    |   |
|---|------------------|---|----------|----|---|
| 30 ft. Long by 3 ft. Tall Schematic Exhibit (90sq. Ft) @\$5.00/sq. ft       | 0                | X | 1,350.00 | \$ | - |
| 8.5 X 11 Copies (i.e. Section I, II, III Inventory Binders) - (4,000 units) | 0                | X | 2,000.00 | \$ | - |
| Travel  | 0                | X | 2,500.00 | \$ | - |
|   |                  |   |          | \$ | - |
|   |                  |   |          | \$ | - |

(Difference due to rounding)

**Total Per Invoice Submitted**

**\$ 50,075.42**




2299 Lone Star Drive, Ste 239  
 Sugar Land, Texas 77479  
 (713) 782-3811

**INVOICE**

Engineering Services  
 Mission Inlet Recertification Project - Phase III

|   |  |
|---|--|
| L&G Engineering<br>2100 W. Expressway 83<br>Mercedes, Texas 78570<br>Attention: Mr. Reza Badiozzamani, P.E. | CSE Invoice Number: 201439<br>CSE Project Number: LG2013013<br>Invoice Period: 08/26/2014 Through 09/25/2014<br>Invoice Date: September 25, 2014 |
|---|--|

|   |  |                                       |                    |                    |                    |                                  |                    |             |  |
|---|--|---------------------------------------|--------------------|--------------------|--------------------|----------------------------------|--------------------|-------------|--|
| <b>Contract Amount</b><br>\$212,227.00          | <b>Contract Amount Remaining</b><br>\$157,250.96                                     |                                       |                    |                    |                    |                                  |                    |             |  |
| <b>Employee Classification</b>                  | <b>Rate</b>  | <b>Previous</b>                       |                    | <b>This Period</b> |                    | <b>To Date</b>                   |                    |             |  |
|   |  | <b>Hr</b>                             | <b>Total</b>       | <b>Hr</b>          | <b>Total</b>       | <b>Hr</b>                        | <b>Total</b>       |             |  |
| Project Manager                                 | \$178.36   | 9.0                                   | \$1,605.24         | 40.0               | \$7,134.40         | 49.0                             | \$8,739.64         |             |  |
| Project Engineer                                | \$164.64   | 140.0                                 | \$23,049.60        | 110.0              | \$18,110.40        | 250.0                            | \$41,160.00        |             |  |
| GIS Specialist                                  | \$137.20   | 23.0                                  | \$3,155.60         | 14.0               | \$1,920.80         | 37.0                             | \$5,076.40         |             |  |
| <b>Subtotal</b>                                 |  |                                       | <b>\$27,810.44</b> |                    | <b>\$27,165.60</b> |                                  | <b>\$54,976.04</b> |             |  |
| Deren Li, Ph.D., P.E., D.WRE<br>Project Manager |  | <b>TOTAL FEE EARNED:</b>              |                    | \$54,976.04        |                    | <b>LESS PREVIOUSLY INVOICED:</b> |                    | \$27,810.44 |  |
|   |  | <b>TOTAL AMOUNT DUE THIS INVOICE:</b> |                    | <b>\$27,165.60</b> |                    |                                  |                    |             |  |

**Mission Inlet Recertification Project – Phase III**  
**Monthly Progress Report No. #7 – September 2014**

Period of Coverage: September 2014  
Date of Submittal: September 25, 2014  
Submitted To: Reza Badiozzamani, P.E.  
Prepared By: Civil Systems Engineering Inc.

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Phase II for the Mission Inlet Recertification Project is to evaluate alternative components and improvement plans to Mission Inlet to reclaim portion of the lands within the effective floodplain and to provide a higher flood protection to the existing developments. This study covers the following activities:

**I. ALTERNATIVE COMPONENT AND PLAN ANALYSIS**

1. Coordination with HCDD1, L&G, FEMA, and IBWC
2. Proposed conditions HEC-HMS modeling analysis
3. Proposed conditions HEC-RAS modeling analysis
4. Perform 1D and 2-D SWMM dynamic modeling analysis
5. Perform constrain and opportunities analysis.
6. Formulate alternative plans for the project.
7. Perform detailed hydrologic and hydraulic modeling analysis to evaluate and optimize alternative plans and recommend a preferred proposed plan for the project.
8. Perform flood hazard mapping using the resulting water surface data and the LiDAR topographic data for the recommend plan.
9. Cost estimation.
10. Prepare a Technical Report to summarize the assumptions, methodology, and results for the project.

**II. CONDITIONAL LETTER OF MAP REVISION (CLOMR)**

1. Coordination with FEMA and other relevant agencies.
2. Prepare MT-2 application forms.
3. Prepare narrative on project and submittal.
4. Prepare hydrologic computations results along with digital files of computer models used.
5. Prepare hydraulic computations along with the digital files of computer models used.
6. Prepared certified topographic map with floodplain and floodway delineations.
7. Prepare annotated FEMA FIRM and/or FBFM to reflect changes due to the proposed to the Mission Inlet drainage system.
8. Address FEMA comments

## **PROGRESS TO REPORT FOR THIS PERIOD**

### **I. ALTERNATIVE COMPONENT AND PLAN ANALYSIS**

Activity 1 – Coordination and meetings

Activity 2 – Proposed conditions HEC-HMS modeling analysis

Activity 3 – Proposed conditions HEC-RAS modeling analysis

Activity 4 – 1D and 2D SWMM modeling analysis

Activity 5 – Perform constrains and opportunities analysis

Activity 6 – Alternative plan formulation

Activity 7 – Alternative evaluation and optimization

Activity 8 – Flood hazard mapping

Activity 9 – Cost estimation

Activity 10 – Technical report.

Preparing draft technical report.

### **II. CONDITIONAL LETTER OF MAP REVISION (CLOMR)**

Activity 1 -Coordination with FEMA and other relevant agencies.

Activity 2 - Prepare MT-2 application forms.

Activity 3 -Prepare narrative on project and submittal.

Activity 4 - Hydrologic computations results along with digital files of computer models used.

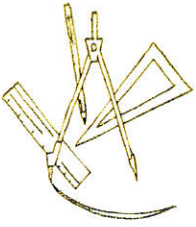
Developing digital map data based on results for both existing and proposed Mission Inlet main stream.

Activity 5 - Prepare hydraulic computations along with the digital files of computer models used. Preparing water surface profiles for Mission Inlet main stream.

Activity 6 - Prepared certified topographic map with floodplain and floodway delineations. Develop preliminary floodplain.

Activity 7 - Prepare annotated FEMA FIRM and/or FBFM to reflect changes due to the proposed to the Mission Inlet drainage system.

Activity 8 - Address FEMA comments



October 2, 2014

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

**RE: Work Authorization #4 on La Joya Watershed Improvement Project**

**Job # 130104**  
**P.O. # 625396**

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered during the month of September 2014 on the subject referenced project.

The following is attached:

- L&G's Invoice #11324956
- CD w/ Electronic Files of Data for:
  - R.O.W. Surveying Services – Monthly Progress Report and Invoice (#R14-0047, #R14-0048, #R14-0049) – September 2014
  - Task A
  - Task B
  - Task C

| TASK  |           | %<br>COMPL |
|---|-----------|------------|
| <b><u>Task A</u></b><br><b>Construction Plans for Liberty Pit Detention Facility</b>  |           |            |
| Task 1a ~ Coordination & Management of ROW and Design Survey, & Geotechnical  | L&G       | 14.7%      |
| <b>Update</b> – L&G has held weekly meetings with ROW Surveying Services, LLC and continued to coordinate the ROW and Design Survey aspect of this project. |           |            |
| Task 2a ~ (SUB): Field and Design Survey (Utility Locates) - #3 (FC150)   | ROW<br>SS | 7.5%       |
| <b>Update</b> – See progress report from ROW SS as of 09/22/14 (see attached)   |           |            |
| Task 3a ~ (SUB): ROW Map, Parcel Sketches & Field Notes - #3 (FC130)  | ROW<br>SS | 20%        |
| <b>Update</b> – See progress report from ROW SS as of 09/22/14 (see attached)   |           |            |

|   |           |       |
|---|-----------|-------|
| Task 6a ~ Conceptual Site Plan Identifying 60% of Recovered ROW & Design Surveys (Prior to PS&E Release)  | L&G       | 39.0% |
| <b>Update</b> – L&G has worked with Mr. Gerry Bell and his staff, as well as Mr. Godfrey Garza to identify the proposed improvements needed along Liberty Rd. as well as the overall “Site Plan” for the pit.   |           |       |
| <b><u>Task B</u></b><br><b>Construction Plan for South Basin Pit Detention Facility</b>   |           |       |
| Task 1b ~ Coordination & Management of ROW and Design Survey, & Geotechnical  | L&G       | 40.7% |
| <b>Update</b> – L&G has held weekly meetings with ROW Surveying Services, LLC and continued to coordinate the ROW and Design Survey aspect of this project.   |           |       |
| Task 2b ~ (SUB): Field and Design Survey (Utility Locates) - #3 (FC150)   | ROW<br>SS | 40.5% |
| <b>Update</b> – See progress report from ROW SS as of 09/22/14 (see attached)   |           |       |
| Task 3b ~ (SUB): ROW Map, Parcel Sketches & Field Notes - #3 (FC130)  | ROW<br>SS | 30%   |
| <b>Update</b> – See progress report from ROW SS as of 09/22/14 (see attached)   |           |       |
| Task 6b ~ Conceptual Site Plan Identifying 60% of Recovered ROW & Design Surveys (Prior to PS&E Release)  | L&G       | 36.8% |
| <b>Update</b> – L&G has worked with Mr. Godfrey Garza on identifying the limits of the pit anticipated to be used for detention in the South Basin. L&G has worked up an exhibit identifying the limits of the property, as well as the existing gas lines that traverse the property. The 75Ac. track has also been broken into two different cells for detention. |           |       |
| <b><u>Task C</u></b><br><b>Phase I Outfall Development of La Joya Watershed Drainage Master Plan</b>  |           |       |
| Task 1c ~ Coordination & Management of ROW Base Map, Design Survey & Geotechnical   | L&G       | 6.8%  |
| <b>Update</b> – L&G has held weekly meetings with ROW Surveying Services, LLC and continued to coordinate the ROW and Design Survey aspect of this project.   |           |       |
| Task 2c ~ Design Surveys (Utility Locates) - #3 (FC150)   | ROW<br>SS | 4.6%  |
| <b>Update</b> – See progress report from ROW SS as of 09/22/14 (see attached)   |           |       |
| Task 4c ~ Preliminary Detailed Schematic for Proposed Phase I Outfall   | L&G       | 32.3% |
| <b>Update</b> – L&G has developed various alternatives for the needed outfall. L&G is currently evaluating each of the options to quantify impacts and costs. Various meetings have been held with HCDD#1 to discuss the development of each of the   |           |       |

|                                |  |  |
|--------------------------------|--|--|
| alternatives being considered. |  |  |
|--------------------------------|--|--|

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) 583-7117.

Sincerely,



Reza Badiozzaman, P.E., C.F.M.  
Senior 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#:** 11324956  
**INVOICE DATE:** 9/30/2014

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

**JOB:130104**  
La Joya Watershed Imp  
WA#4  
PO #625396

| DESCRIPTION   | CONTRACT          | PREVIOUS APPLICATIONS | CURRENT COMPLETED | TOTAL COMPLETED  | % COMPL    | BALANCE TO FINISH |
|---|-------------------|-----------------------|-------------------|------------------|------------|-------------------|
| <b>Engineering services for the month of September 2014.</b>                          |                   |                       |                   |                  |            |                   |
| <b>Task A - Construction Plans for Liberty Pit Detention Facility</b>                 |                   |                       |                   |                  |            |                   |
| Task 1a - Coord. & Management of ROW & Design Survey                                  | 10,704.28         | 0.00                  | 1,575.62          | 1,575.62         | 14.7       | 9,128.66          |
| Task 2a - SUB: Field & Design Survey (Utility Locates)                                | 27,168.00         | 0.00                  | 2,041.00          | 2,041.00         | 7.5        | 25,127.00         |
| Task 3a - SUB: ROW Map Parcel Sketches & Field Notes                                  | 22,400.00         | 0.00                  | 4,480.00          | 4,480.00         | 20.0       | 17,920.00         |
| Task 4a - Acquisition of ROW for Proposed Facility                                    | 28,100.00         | 0.00                  |                   | 0.00             | 0.0        | 28,100.00         |
| Task 5a - SUB: Geotech. Exploration & Analysis  | 27,538.64         | 0.00                  |                   | 0.00             | 0.0        | 27,538.64         |
| Task 6a - Conceptual Site Plan Identify 60% of Recovered F                            | 11,498.80         | 0.00                  | 4,483.22          | 4,483.22         | 39.0       | 7,015.58          |
| Task 7a - Plans, Specification & Estimates (PS&E)                                     | 50,384.04         | 0.00                  |                   | 0.00             | 0.0        | 50,384.04         |
| <b>Task B - Construction Plans for South Basin Pit Detention Facility</b>             |                   |                       |                   |                  |            |                   |
| Task 1b - Coord. & Management of ROW & Design Survey                                  | 7,928.16          | 0.00                  | 3,226.28          | 3,226.28         | 40.7       | 4,701.88          |
| Task 2b - SUB: Field & Design Survey (Utility Locates)                                | 24,935.00         | 0.00                  | 10,108.00         | 10,108.00        | 40.5       | 14,827.00         |
| Task 3b - SUB: ROW Map Parcel Sketches & Field Notes                                  | 7,488.00          | 0.00                  | 2,246.00          | 2,246.00         | 30.0       | 5,242.00          |
| Task 4b - Acquisition of ROW for Proposed Facility                                    | 14,800.00         | 0.00                  |                   | 0.00             | 0.0        | 14,800.00         |
| Task 5b - SUB: Geotech. Exploration & Analysis  | 21,162.28         | 0.00                  |                   | 0.00             | 0.0        | 21,162.28         |
| Task 6b - Conceptual Site Plan Identify 60% of Recovered F                            | 8,966.44          | 0.00                  | 3,295.20          | 3,295.20         | 36.8       | 5,671.24          |
| Task 7b - Plans, Specification & Estimates (PS&E)                                     | 33,589.36         | 0.00                  |                   | 0.00             | 0.0        | 33,589.36         |
| <b>Task C - Phase I Outfall Development of La Joya Watershed Drainage Master Plan</b> |                   |                       |                   |                  |            |                   |
| Task 1c - Coord. & Management of ROW Base Map, Design Surv                            | 13,030.24         | 0.00                  | 887.86            | 887.86           | 6.8        | 12,142.38         |
| Task 2c - SUB: Desgin Survey (Utlitiy Locates)  | 67,062.00         | 0.00                  | 3,113.00          | 3,113.00         | 4.6        | 63,949.00         |
| Task 3c - SUB: Geotechnical Exploration & Analysis for Prc                            | 29,301.96         | 0.00                  |                   | 0.00             | 0.0        | 29,301.96         |
| Task 4c - Preliminary Detailed Schematic for roposed Phase                            | 37,866.28         | 0.00                  | 12,217.68         | 12,217.68        | 32.3       | 25,648.60         |
| Task 5c - Plans, Specifications & Estimates (PS&E)                                    | 200,524.00        | 0.00                  |                   | 0.00             | 0.0        | 200,524.00        |
|   | 644,447.48        | 0.00                  | 47,673.86         | 47,673.86        | 7.4        | 596,773.62        |
| <b>TOTALS:</b>  | <b>644,447.48</b> | <b>0.00</b>           | <b>47,673.86</b>  | <b>47,673.86</b> | <b>7.4</b> | <b>596,773.62</b> |

ORIGINAL CONTRACT SUM \$ 644,447.48  
CHANGE BY CHANGE ORDER \$ 0.00  
CONTRACT SUM TO DATE \$ 644,447.48  
TOTAL COMPLETED TO DATE \$ 47,673.86  
LESS PREVIOUS INVOICES \$ 0.00  
**CURRENT PAYMENT DUE \$ 47,673.86**

  
PROJECT MANAGER'S SIGNATURE

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

**Project Workhour Report**

La Joya Watershed Improvements WA#4

Reference: Inv#11324956

Date: 9/30/2014

|                        | Hrs   |   | Rate   | Total      |
|------------------------|-------|---|--------|------------|
| Senior Project Manager | 26.00 | X | 212.59 | \$5,527.34 |
| Senior Engineer        | 32.00 | X | 175.07 | \$5,602.24 |
| Design Engineer        | 50.00 | X | 112.55 | \$5,627.50 |
| Senior Engineer Tech   | 84.00 | X | 78.16  | \$6,565.44 |
| Admin/Clerical         | 42.00 | X | 56.27  | \$2,363.34 |

**Grand Total of Hours** \$ 25,685.86

(Difference due to rounding hours) \$ -

| <b>Invoice Summary</b>   |              |
|--|--------------|
| Man Hours  | \$ 25,685.86 |
| Sub Contract   | \$ 21,988.00 |
| <small>(See Attached Sub Invoice for Man Hour Breakdown)</small> |              |
|  | \$ -         |
| <small>(Difference due to rounding)</small>                      | \$ -         |

**Total Per Invoice Submitted** **\$ 47,673.86**



# R. O. W. SURVEYING SERVICES, LLC.

September 30, 2014

Jacinto Garza, President/CEO  
L & G Engineering  
**Attn: Reza Badiozzamani, P.E.**  
2100 W. Expressway 83  
Mercedes, Texas 78570

**RE: La Joya Watershed-Work Authorization #8**  
**Invoice #R14-0049**  
**Limits: From: 3 ½ Mile North Tom Gil To: Liberty Road Caliche Pit**

Dear Mr. Badiozzamani:

Attached for your approval is our invoice for services rendered for the month of September, 2014:

ROW's Invoice

Exhibit C – Work Schedule

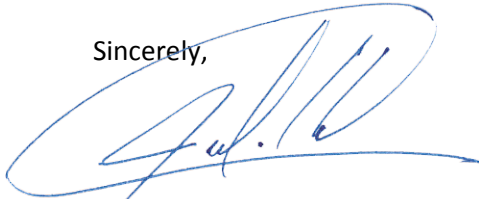
Progress Report

|  | <b>Contract Amount</b> | <b>Invoice to Date</b> | <b>Paid to Date</b> | <b>Current Amount Due</b> | <b>Contract Balance</b> | <b>Percent Complete</b> |
|--|------------------------|------------------------|---------------------|---------------------------|-------------------------|-------------------------|
| <b>FC 150-Field Surveying</b>  |                        |                        |                     |                           |                         |                         |
| Phase I - Primary & Secondary Control<br>Phase II – DTM Topography and Cross-Sections<br>Phase III – Final Report and Deliverables<br>Project Management & Oversight | <b>\$67,062</b>        | <b>\$3,113</b>         | <b>\$0</b>          | <b>\$3,113</b>            | <b>\$63,949</b>         | <b>4.64%</b>            |
| <b>Total</b>   | <b>\$67,062</b>        | <b>\$3,113</b>         | <b>\$0</b>          |                           | <b>\$63,949</b>         | <b>4.64%</b>            |
|  |                        | <i>Total Due</i>       |                     | <b>\$3,113</b>            |                         |                         |

Make Checks Payable to: **R.O.W. Surveying Services, LLC.**

Thank you for your business. Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 451-2670.

Sincerely,



Julio Cerda, P.E.  
President/CEO



# R. O. W. SURVEYING SERVICES

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La Joya Outfall Progress Report as of 09/22/14:

***Project Management:***

- Have met with prime consultant (L&G Engineering) to update project progress, scope, and final deliverable.
- Met with TxDOT to request control information for the La Joya Bypass project and any Right of Way information that would be beneficial to determine Right of Way lines for the drainage outfall.
- Requested from Urban County survey control, right of way map and project benchmarks that would be beneficial to survey.
- Contacted CVQ surveyors requesting survey information for Urban County Project.
- Coordinate office staff on daily assignments and project progress

***General Task:***

- Research property ownership and encumbrances affecting alignment.
- Field verify Horizontal and Vertical control provided by TxDOT and L&G for Liberty Road.
- Field recover and locate existing property monuments and fences along preliminary alignment.

# R. O. W. SURVEYING SERVICES, LLC.

September 30, 2014

Jacinto Garza, President/CEO  
L & G Engineering  
**Attn: Reza Badiozzamani, P.E.**  
2100 W. Expressway 83  
Mercedes, Texas 78570

**RE: Tress Detention-Work Authorization #8**  
**Invoice #R14-0048 Limits: Tress Detention**

Dear Mr. Badiozzamani:

Attached for your approval is our invoice for services rendered for the month of September, 2014:

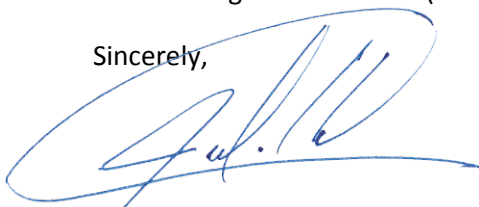
ROW's Invoice                      Exhibit C – Work Schedule                      Progress Report

|  | <b>Contract Amount</b> | <b>Invoice to Date</b>  | <b>Paid to Date</b> | <b>Current Amount Due</b> | <b>Contract Balance</b> | <b>Percent Complete</b> |
|--|------------------------|-------------------------|---------------------|---------------------------|-------------------------|-------------------------|
| <b>FC 130 – ROW Map</b>  |                        |                         |                     |                           |                         |                         |
| Phase I – ROW Map, Parcel Description, Metes & Bounds Description, :& Title Reports  | <b>\$7,488</b>         | <b>\$2,246</b>          | <b>\$0</b>          | <b>\$2,246</b>            | <b>\$5,242</b>          | <b>30%</b>              |
| <b>FC 150-Field Surveying</b>  |                        |                         |                     |                           |                         |                         |
| Phase I - Primary & Secondary Control<br>Phase II – DTM Topography and Cross-Sections<br>Phase III – Final Report and Deliverables<br>Project Management & Oversight | <b>\$24,935</b>        | <b>\$10,108</b>         | <b>\$0</b>          | <b>\$10,108</b>           | <b>\$14,827</b>         | <b>40.54%</b>           |
| <b>Total</b>   | <b>\$32,423</b>        | <b>\$12,354</b>         | <b>\$0</b>          |                           | <b>\$20,0690</b>        | <b>38.10%</b>           |
|  |                        | <i><b>Total Due</b></i> |                     | <b>\$12,354</b>           |                         |                         |

Make Checks Payable to: **R.O.W. Surveying Services, LLC.**

Thank you for your business. Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 451-2670.

Sincerely,



Julio Cerda, P.E.  
President/CEO



# R. O. W. SURVEYING SERVICES

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## **Tress Property Progress Report as of 09/22/14:**

### ***Project Management:***

- Have met with prime consultant (L&G Engineering) to update project progress, scope, and final deliverable.
- Coordinate with Gas companies, Fidelity and Mission Gas, to verify existing lines crossing property. Fidelity has marked approximate depths of their pipeline.
- Met with TxDOT to request control information for the La Joya Bypass project and any Right of Way information that would be beneficial to determine Right of Way lines for the drainage outfall along the West side of Tress Property.
- Coordinate office staff on daily assignments and project progress

### ***General Task:***

- Research property ownership and encumbrances affecting property.
- Preliminary Basemap with ownership and property information completed
- Field verify Horizontal and Vertical control provided by TxDOT
- Field recover and locate existing property monuments and fences
- Begin field topo locating all structures and drainage features on property

# R. O. W. SURVEYING SERVICES, LLC.

September 30, 2014

Jacinto Garza, President/CEO  
L & G Engineering  
**Attn: Reza Badiozzamani, P.E.**  
2100 W. Expressway 83  
Mercedes, Texas 78570

**RE: Liberty Road Caliche Pit-Work Authorization #8**  
**Invoice #R14-0047 Limits: Liberty Road Caliche Pit**

Dear Mr. Badiozzamani:

Attached for your approval is our invoice for services rendered for the month of September, 2014:

ROW's Invoice

Exhibit C – Work Schedule

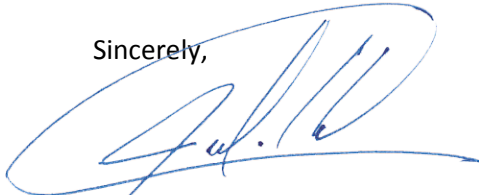
Progress Report

| <b>FC 130 – ROW Map</b>  | <b>Contract Amount</b> | <b>Invoice to Date</b> | <b>Paid to Date</b> | <b>Current Amount Due</b> | <b>Contract Balance</b> | <b>Percent Complete</b> |
|--|------------------------|------------------------|---------------------|---------------------------|-------------------------|-------------------------|
| Phase I – ROW Map, Parcel Description, Metes & Bounds Description, :& Title Reports  | \$22,400               | \$4,480                | \$0                 | \$4,480                   | \$17,920                | 20%                     |
| <b>FC 150-Field Surveying</b>  |                        |                        |                     |                           |                         |                         |
| Phase I - Primary & Secondary Control<br>Phase II – DTM Topography and Cross-Sections<br>Phase III – Final Report and Deliverables<br>Project Management & Oversight | \$27,168               | \$2,041                | \$0                 | \$2,041                   | \$25,127                | 7.51%                   |
| <b>Total</b>   | \$49,568               | \$6,521                | \$0                 |                           | \$43,047                | 13.16%                  |
|  |                        | <i>Total Due</i>       |                     | \$6,521                   |                         |                         |

Make Checks Payable to: **R.O.W. Surveying Services, LLC.**

Thank you for your business. Should you have any questions or require additional information, please do not hesitate to give me a call at (956) 451-2670.

Sincerely,



Julio Cerda, P.E.  
President/CEO



# R. O. W. SURVEYING SERVICES

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## **Liberty Road Caliche Pit Progress Report as of 09/22/14:**

### ***Project Management:***

- Have met with prime consultant (L&G Engineering) to update project progress, scope, and final deliverable.
- Have met with John Womack from Bell Properties to coordinate Right of Entry and discuss any restrictions when field crews are on site.
- Met with TxDOT to request control information for the La Joya Bypass project and any Right of Way information that would be beneficial to determine Right of Way lines for the drainage outfall.
- Requested from Urban County survey control, right of way map and project benchmarks that would be beneficial to survey.
- Contacted CVQ surveyors requesting survey information for Urban County Project.
- Coordinate office staff on daily assignments and project progress

### ***General Task:***

- Research property ownership and encumbrances affecting property.
- Begin Preliminary Basemap with ownership and property information.
- Field verify Horizontal and Vertical control provided by TxDOT.
- Field recover and locate existing property monuments and fences around caliche pit.