



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS
March 17, 2015
9:00 A.M.**

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Drainage District #1 Board of Directors will be held 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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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 -48902** Clarification purposes only: AI-48662 (C) Purchase of office furniture in the amount of \$3,955.67 correct amount is \$4,499.88.

3. **AI -48885** A. L&G Engineering:
 - 1.) Request approval of L & G Consulting Engineers Inc.; Invoice Number 11325057 in the amount of \$937.64 for Engineering services on FM 676 Outfall Analysis and Evaluation for the month of February 2015; Work Authorization #1; Purchase Order # 622895.

 - 2.) Request approval of L & G Consulting Engineers Inc.; Invoice Number 11325079 in the amount of \$8,470.05 for Engineering services on La Joya Watershed Improvement for the month of February 2015; Work Authorization #4; Purchase Order # 625396.
- B. Melden & Hunt Inc.:
 - 1.) Request approval of Melden & Hunt Inc.; Invoice Number 0061168 in the amount of \$100,393.48 for Engineering services on RADO Drain Pct. 2 for the month of November 2014; Purchase Order # 622613.
- C. R. Gutierrez Engineering Corporation:

1.) Request approval of R. Gutierrez Engineering Corporation; Invoice Number 3719 in the amount of \$20,386.50 for Engineering services on Mission Inlet Arch Culvert- Aluminum Liner Plate Repair; Work Authorization #2; Purchase Order # 625144.

2.) Request approval of R. Gutierrez Engineering Corporation; Invoice Number 3720 in the amount of \$1,041.81 for Engineering services on R-K Trenton Road Crossing- Construction Materials Testing; Purchase Order # 625106.

4. **AI -48928** Request approval to issue payment on the following items after review & audit procedures are completed:

L&G Consulting Engineers, Inc.

Invoice no. 11325053 in the amount of \$47,391.34 for La Joya Watershed Improvements; Work Authorization no. 1; PO#622086.

AI -48902

2.

DRAINAGE - CONSENT

Meeting Date: 03/17/2015

Submitted For: Jaime Salazar

Submitted By: Jaime Salazar, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Clarification purposes only: AI-48662 (C) Purchase of office furniture in the amount of \$3,955.67 correct amount is \$4,499.88.

BACKGROUND

Fiscal Impact

Attachments

No file(s) attached.

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	03/12/2015 04:52 PM
Final Approval	Monica Badillo	03/13/2015 05:20 PM
Form Started By: Jaime Salazar		Started On: 03/12/2015 04:41 PM
Final Approval Date: 03/13/2015		

AI -48885

3.

DRAINAGE - CONSENT

Meeting Date: 03/17/2015

Submitted For: Lora Briones

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

A. L&G Engineering:

1.) Request approval of L & G Consulting Engineers Inc.; Invoice Number 11325057 in the amount of \$937.64 for Engineering services on FM 676 Outfall Analysis and Evaluation for the month of February 2015; Work Authorization #1; Purchase Order # 622895.

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BACKGROUND

Fiscal Impact

Attachments

L&G Inv#11325057

L&G Inv#11325079

Melden Inv#0061168

R. Gtz Inv#3719

R. Gtz Inv#3720

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	03/13/2015 01:15 PM
Final Approval	Monica Badillo	03/13/2015 05:20 PM
Form Started By: Claudette Guerrero		Started On: 03/12/2015 10:26 AM
Final Approval Date: 03/13/2015		

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received:

3.3.15

DD# 627895

Engineer/Firm Name:

L&G Eng.

Project Name/Number:

WA#1 FMC716 Outfall Analysis & Eval.

Invoice No:

#11325057

Logged in and Scanned:

SAM 3/3

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: _____

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

INVOICE#: 11325057
INVOICE DATE: 2/28/2015

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

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

Mar. 9 2015
 10:01 AM PM
 BY: *Joey Garza*

JOB:130401
 FM 676 Outfall Analysis and Eval.
 WA#1
 P.O.#622895

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of February 2015.						
FC 102 - FEASIBILITY STUDIES						
Task 1 - 10201 - Coord. w/TxDOT - County - Alton Local Drainage	13,405.68	13,405.68		13,405.68	100.0	-
Task 8 - 10202 - Feasibility Report and Recommendations	5,809.62	5,527.69		5,527.69	95.1	281.93
	19,215.30	18,933.37	-	18,933.37		281.93
FC 120 - PUBLIC INVOLVEMENT						
Task 6 - 12007 - Coord. W/Landowners due to Prop. Outfall Fac.	6,411.40	3,205.71	937.64	4,143.35	64.6	2,268.05
	6,411.40	3,205.71	937.64	4,143.35		2,268.05
FC 130 - RIGHT-OF-WAY DATA						
Task 5 - 13009 - ID. Of all affected Prop. Owners on Proposed Fac	9,110.28	9,110.28		9,110.28	100.0	-
	9,110.28	9,110.28	-	9,110.28		-
FC 161 - HYDROLOGY						
Task 3 - 16107 - Hydro. Map & Outfall Cap. Analysis	25,975.00	25,975.00		25,975.00	100.0	-
Task 2 - 16108 - Gather Info on existing Drainage features	4,080.08	4,080.08		4,080.08	100.0	-
Task 4 - 16109 - Meet w/County - HCDD#1 - TxDOT - Alton Ext Hydro	3,091.68	3,091.68		3,091.68	100.0	-
	33,146.76	33,146.76	-	33,146.76		-
FC 164 - COORDINATION						
Task 7 - 16401 - Coordination w/TxDOT & FHWA on Log. For Utilizin	5,271.03	5,271.03		5,271.03	100.0	-
	5,271.03	5,271.03	-	5,271.03		-
Direct Expenses	1,900.00	1,375.00		1,375.00	72.4	525.00
	1,900.00	1,375.00	-	1,375.00		525.00
TOTALS:	75,054.77	71,042.15	937.64	71,979.79	95.9	3,074.98

[Handwritten Signature]
 PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM \$ 75,054.77
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 75,054.77
 TOTAL COMPLETED TO DATE \$ 71,979.79
 LESS PREVIOUS INVOICES \$ 71,042.15
 CURRENT PAYMENT DUE \$ 937.64

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

Project Workhour Report

FM 676 Outfall Analysis and Evaluation WA#1

Reference: Inv#11325057

Date: 2/28/2015

P.O.#622895

	Hrs		Rate	Total
Senior Project Manager	0.00	X	215.40	\$0.00
Senior Engineer	4.00	X	167.89	\$671.56
Design Engineer	0.00	X	114.04	\$0.00
Senior Engineer Tech	0.00	X	79.19	\$0.00
CADD Operator/GIS Analyst	4.00	X	66.52	\$266.08
Admin/Clerical	0.00	X	57.02	\$0.00

Grand Total of Hours

\$ 937.64

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours

\$ 937.64

Sub Contract

\$ -

(See Attached Sub Invoice for Man Hour Breakdown)

Direct Expenses

Current

Units Rate

20 ft. Long by 3 ft. Tall Hydro Map (60sq. Ft) @\$5.00/sq. ft	0	X	300.00	\$	-
8.5 X 11 Copies (i.e. Corr. w/Landowners) - (250 units)	0	X	1.00	\$	-
11 x 17 Copies (i.e. various Exhibits) - (100 units)	0	X	1.50	\$	-

\$ -

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 937.64

L & G Engineering Electronic Data & CAD Disclaimer
By opening the attached files, the user agrees that data provided by this electronic file is for information purposes only and should be used at one's own risk. L & G Engineering, makes representations, written or verbal, that the information contained in these CAD files are complete or accurate or should be relied upon for construction except to the extent that they are labeled, dimensioned or otherwise noted and reflect exactly what is on the approved and sealed preliminary or final drawings. Any conflict between the information reflected on the sealed plan sheets and that provided via this electronic data file shall be resolved in favor of the sealed plan sheets. Any reproduction of these sheets without the appropriate preliminary stamp, or professional engineering seal and signature, and the express written approval of L & G Engineering, is a violation of the Professional Engineering Practice Act.

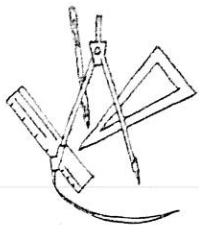
03/02/2015

HCDD#1



FM 676 Outfalls Options 2A & 2B

L & G Engineering 	2100 W. Surveyway 63 Merced, TX 76872 Phone : (800) 695-8813 Fax : (800) 695-0018
	303 E. Stewart Rd., Ste. 10 Merced, TX 76872 Phone : (800) 695-1908 Fax : (800) 695-1927



March 2, 2015

Mr. Raul Sesin, P.E., C.F.M. – Executive Director
Attn: Ms. Lora Briones – Chief Financial Officer
Hidalgo County Drainage District #1
902 N. Doolittle
Edinburg, Texas 78542

RE: Work Authorization #1 on Rural Drainage Development Pct #3 - FM676
P.O. #622895
Invoice #11325057

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered during the month of February 2015 on the subject referenced project.

The following is attached:

- L & G's Invoice #11325057
- CD with Recommended Outfall #6

TASK		% COMP L
Task 1(FC 10201) ~ Coordinate w/ TxDOT - County - Alton to Accommodate Local Drainage Needs & Corresponding Participation	L&G	100.0%
L&G met internally and will meet with the City of Alton (City Manager and Assistant City Manager) to present draft final report and obtain comments. L&G will meet with HCDD#1 to present draft final report and obtained comments. L&G has completed field visits used in an effort to identify and log existing drainage features and view area of concerns especially after recent rain events experienced. L&G presented final draft to TxDOT, Hidalgo County and City of Alton.		
Task 2 (FC 16108) ~ Gather Information Regarding Existing Drainage Features, Facilities, & Watersheds	L&G	100.0%

<p>L&G performed field visits to the project area to review and note existing drainage features that are not shown in the GIS database, and to identify drainage facility not identified in studies or reports obtained. L&G met City of Alton to further determine areas of drainage concern, which have been including in the report. L&G has created a map of the general area depicting contours, flow patterns, low areas and other potential obstacles affecting drainage.</p>		
<p>Task 3 (FC 16107) ~ Hydrologic Mapping & Outfall Capacity Analysis</p>	L&G	100.0%
<p>L&G has compiled a pre-final the general hydrologic map showing drainages areas that contribute water to the FM676 project and surrounding area. Several potential outfall locations have also been established by L&G primarily based off of minimal impacts to residences. The map is being supplemented with drainage areas (Sub-Basins) that are contributing to the flooding experienced within the project area. Recommendations obtained from several studies done for this area in the late 1990's coincide with L&G's preliminary outfalls and continue to be studied further. Additionally, preliminary hydrologic analysis has been conducted within the study area to help determine feasibility of proposed outfalls. L&G has performed preliminary runoff calculations for each drainage area in efforts to provide a conceptual sizing of facility(s) that will be needed. This map was presented to HCDD#1 for comments. L&G presented and explained the various options.</p>		
<p>Task 4 (FC 16109) ~ Meet w/ County - HCDD#1 - TxDOT - Alton and Examine Existing Hydrologic Studies</p>	L&G	100.0%
<p>L&G has obtained available drainages studies done in the late 1990's for this general area. L&G has utilized and referenced the "Master Drainage Plan, City of Alton, Texas" (1998) and HCDD#1 Report: "Flood Protection Plan for Hidalgo County, Texas" (1997) These studies have been referenced in the report.</p>		
<p>Task 5 (FC 13009) ~ Identification of All Affected Property Owners on Proposed Facilities</p>	L&G	100.0%
<p>L&G has included exhibits as part of the feasibility report that provides ownership information obtained from Hidalgo County Appraisal District to identify any and all existing property ownership within the project limits. Additionally, L&G approximate acreage affected to the affected property owners for each of the proposed outfall locations. Included in the affected property owner identifications are estimated values in dollars of them proposed impacts to each parcel.</p>		
<p>Task 6 (FC 12007) – Coordination with Landowners due to Proposed Outfalls Facilities Impacting their Properties (Limited Public Involvement)</p>	L&G	64.6%
<p>Updated – L&G has determined recommended outfall #6 which impacts two different owners including HCDD#1 and SIVAD Enterprises Inc as per Hidalgo Appraisal District data base. L&G discussed internally and will be meeting with local entities to complete this task. (See attached Schematic for Outfall)</p>		

Task 7 (FC 16401) - Coordination w/TxDOT & FHWA on Logistics for Utilizing Federal Earmark Monies.	L&G	100.0%
L&G identification of \$500,738 of federal funds available for drainage improvements for FM 676 (from SH 107 to Taylor Rd) has being referenced in the report but is awaiting further information from TxDOT on possible uses of this money. L&G continues to coordinate with TxDOT to determine why the on-system project is requiring 20% participation from the local entity (County). L&G so far has sent 4 emails (July 29 th , Aug 23 rd , Sept 11 th , and Oct 22 nd) requesting additional information to be included as part of feasibility submittal. L&G continues to coordinate with TxDOT but has not received any correspondence. L&G was unable to obtain an answer on possible usage of the +500K of federal funds.		
Task 8 (FC 10202) ~ Feasibility Report and Recommendations	L&G	95.1%
Updated - L&G is completing the final stages of compiling the information for the feasibility report to include Introduction, Assessment of Existing Storm Drain System, Proposed Outfall locations, Hydrologic Mapping Outfalls, Impacts of Drainage Outfalls, Funding Analysis and Conclusion and Recommendations. L&G will be preparing final submittal for discussions and comments from HCDD #1.		
L&G Direct Expenses	L&G	72.4%
L&G has produced 4 20ft X 3ft (Approx) Hydrologic Maps to date as a function of the contract total as well as approx 100 ~ 8.5X11 and 50 ~ 11X17 sheets (Approx).		

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

Sincerely,



Ricardo Gallaga, P.E.
 Project Manager
 L&G Engineering

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DODDLETTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received:

3-3-15

PO# W25396

Engineer/Firm Name:

L&G Eng.

Project Name/Number:

WA#4 LaJoya Watershed Imp.

Invoice No:

#11325079

Logged in and Scanned:

8AM 3/3 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: _____

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

INVOICE#: 11325079
INVOICE DATE: 2/28/2015

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

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

FEB 27 2015
 4:44 AM (PM)
 BY: Rosa Arce

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

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of February 2015.						
Task A - Construction Plans for Liberty Pit Detention Facility						
13001-Task 1a - Coord. & Management of ROW & Design Survey	10,704.28	9,778.90		9,778.90	91.4	925.38
15010-Task 2a - SUB: Field & Design Survey (Utlity Locate	27,168.00	24,451.00		24,451.00	90.0	2,717.00
13010-Task 3a - SUB: ROW Map Parcel Sketches & Field Note	22,400.00	20,160.00		20,160.00	90.0	2,240.00
60001-Task 4a - Acquisition of ROW for Proposed Facility	28,100.00	0.00		0.00	0.0	28,100.00
33010-Task 5a - SUB: Geotech. Exploration & Analysis	27,538.64	25,049.28		25,049.28	91.0	2,489.36
11006-Task 6a - Conceptual Site Plan Identify 60% of Recov	11,498.80	11,498.80		11,498.80	100.0	-
16001-Task 7a - Plans, Specification & Estimates (PS&E)	50,384.04	37,791.25	2,526.07	40,317.32	80.0	10,066.72
Task B - Construction Plans for South Basin Pit Detention Facility						
13002-Task 1b - Coord. & Management of ROW & Design Survey	7,928.16	7,215.37		7,215.37	91.0	712.79
15020-Task 2b - SUB: Field & Design Survey (Utlity Locate	24,935.00	22,442.00		22,442.00	90.0	2,493.00
13020-Task 3b - SUB: ROW Map Parcel Sketches & Field Note	7,488.00	6,739.00		6,739.00	90.0	749.00
60003-Task 4b - Acquisition of ROW for Proposed Facility	14,800.00	0.00		0.00	0.0	14,800.00
33320-Task 5b - SUB: Geotech. Exploration & Analysis	21,162.28	0.00		0.00	0.0	21,162.28
11007-Task 6b - Conceptual Site Plan Identify 60% of Recov	8,966.44	8,966.44		8,966.44	100.0	-
16002-Task 7b - Plans, Specification & Estimates (PS&E)	33,589.36	25,198.32	1,675.71	26,874.03	80.0	6,715.33
Task C - Phase I Outfall Development of La Joya Watershed Drainage Master Plan						
13003-Task 1c - Coord. & Management of ROW Base Map. Desig	13,030.24	887.86	675.27	1,563.13	12.0	11,467.11
15030-Task 2c - SUB: Desgin Survey (Utlity Locates	67,062.00	3,113.00	3,593.00	6,706.00	10.0	60,356.00
33030-Task 3c - SUB: Geotechnical Exploration & Analysis	29,301.96	0.00		0.00	0.0	29,301.96
11008-Task 4c - Preliminary Detailed Schematic for Propose	37,866.28	37,866.28		37,866.28	100.0	-
16003-Task 5c - Plans, Specifications & Estimates (PS&E)	200,524.00	80,218.84		80,218.84	40.0	120,305.16
	644,447.48	321,376.34	8,470.05	329,846.39	51.2	314,601.09
TOTALS:	644,447.48	321,376.34	8,470.05	329,846.39	51.2	314,601.09

PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$	644,447.48
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	644,447.48
TOTAL COMPLETED TO DATE	\$	329,846.39
LESS PREVIOUS INVOICES	\$	321,376.34
CURRENT PAYMENT DUE	\$	8,470.05

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# 11325079

Date: 2/28/2015

P.O. #625396

	Hrs		Rate	Total
Senior Project Manager	4.00	X	212.59	\$850.36
Senior Engineer	10.00	X	175.07	\$1,750.70
Design Engineer	8.00	X	112.55	\$900.40
Senior Engineer Tech	14.00	X	78.16	\$1,094.24
Admin/Clerical	5.00	X	56.27	\$281.35

Grand Total of Hours	\$ 4,877.05
(Difference due to rounding hours)	\$ -

Invoice Summary				
Man Hours				\$ 4,877.05
Sub Contract				\$ 3,593.00
<small>(See Attached Sub Invoice for Man Hour Breakdown)</small>				
Direct Expenses	Current			
	Units		Rate	
10 Sets of Plans and Geo Report - As per contract requirements	0	X	500.00	\$ -
				\$ -
			(Difference due to rounding)	\$ -
Total Per Invoice Submitted				\$ 8,470.05

DAS

R. O. W. SURVEYING SERVICES, LLC.

February 27, 2015

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 #R15-011
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 February, 2015:

ROW's Invoice

Exhibit C – Work Schedule

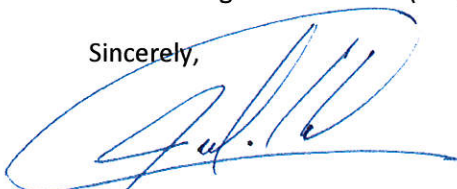
Progress Report

	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	Percent Complete
FC 150-Field Surveying						
Phase I - Primary & Secondary Control Phase II – DTM Topography and Cross-Sections Phase III – Final Report and Deliverables Project Management & Oversight	\$67,062	\$6,706	\$3,113	\$3,593	\$60,356	10%
Total	\$67,062	\$6,706	\$3,113		\$60,356	10%
		Total Due		\$3,593		

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

La Joya Outfall Progress Report as of 02/27/15:

Project Management:

- Have met with prime consultant (L&G Engineering) to update project progress, scope, and final deliverable.
- Communication between landowners regarding right of entry
- Met with TxDOT, Hidalgo County, L&G regarding ongoing projects in the Peñitas area
- Coordinate office staff on daily assignments and project progress

General Task:

- Research property ownership and encumbrances affecting alignment.
- Begin control layout for properties who have replied to right of entry
- Field recover and locate existing property monuments and fences along preliminary alignment.

La Joya Watershed
Improvement Project

WA#4



Invoice
#11325079

HCDD#1

02/28/2015

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



March 2, 2015

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

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

Job # 130104
P.O. # 625396

Dear Mr. Sesin,

Attached for your review and approval is our invoice for the services rendered during the month of February 2015 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325079
- CD w/ Electronic Files of Data for:
 - R.O.W. Surveying Services – Monthly Progress Report and Invoice (#R15-011) – February 27, 2015
 - Task A (Task 7a)
 - Task B (Task 7b)
 - Task C (Task 1c & 2c)

TASK		% COMPL
<u>Task A</u>		
Construction Plans for Liberty Pit Detention Facility		
Task 1a ~ Coordination & Management of ROW and Design Survey, & Geotechnical	L&G	91.4%
No Update – See progress report dated February 2, 2015		
Task 2a ~ (SUB): Field and Design Survey (Utility Locates) - #3 (FC150)	ROW SS	90.0%
No Update – See progress report from ROW SS as of January 30, 2015		
Task 3a ~ (SUB): ROW Map, Parcel Sketches & Field Notes - #3 (FC130)	ROW SS	90.0%
No Update – See progress report from ROW SS as of December 31, 2014		
Task 5a ~ (SUB): Geotechnical Exploration & Analyses for Proposed Facility - #2	L&G LAB	91.0%
No Update – See progress report from L&G Lab Dated January 28, 2015		

Task 6a ~ Conceptual Site Plan Identifying 60% of Recovered ROW & Design Surveys (Prior to PS&E Release)	L&G	100.0%
Task Complete – See progress report dated January 2, 2015		
Task 7a ~ Plans, Specifications & Estimates (PS&E) for Proposed Facility & 400ft. Zone for Commercial Development	L&G	80.0%
Update – L&G has continued project development of PS&E including Title Sheet, Overall Project Layout, Preliminary Grading Plan, Typical Sections, & has included pertinent Design Standards. Additionally, earthwork quantities are being calculated using Geopak.		
<u>Task B</u>		
Construction Plan for South Basin Pit Detention Facility		
Task 1b ~ Coordination & Management of ROW and Design Survey, & Geotechnical	L&G	91.0%
No Update – See progress report dated January 2, 2015		
Task 2b ~ (SUB): Field and Design Survey (Utility Locates) - #3 (FC150)	ROW SS	90.0%
No Update – See progress report from ROW SS as of December 31, 2014		
Task 3b ~ (SUB): ROW Map, Parcel Sketches & Field Notes - #3 (FC130)	ROW SS	90.0%
No Update – See progress report from ROW SS as of October 31, 2014		
Task 6b ~ Conceptual Site Plan Identifying 60% of Recovered ROW & Design Surveys (Prior to PS&E Release)	L&G	100.0%
Task Complete – See progress report dated January 2, 2015		
Task 7b ~ Plans, Specifications & Estimates (PS&E) for Proposed Facility	L&G	80.0%
Update – L&G has continued project development of PS&E including Title Sheet, Overall Project Layout, Preliminary Grading Plan, Typical Sections, & has included pertinent Design Standards. Additionally, earthwork quantities are being calculated using Geopak.		
<u>Task C</u>		
Phase I Outfall Development of La Joya Watershed Drainage Master Plan		
Task 1c ~ Coordination & Management of ROW Base Map, Design Survey & Geotechnical	L&G	12.0%
Update – 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 SS	10.0%
Update – See progress report from ROW SS as of February 27, 2015 (see attached)		

Task 4c ~ Preliminary Detailed Schematic for Proposed Phase I Outfall	L&G	100.00%
Task Complete – L&G has finalized the alignment and location of the proposed outfall. Detailed schematic was presented at Mile 3 Public Meeting and no comments or requests for changes were noted.		
Task 5c ~ Plans, Specifications & Estimates (PS&E) for Proposed Facility	L&G	40.0%
No Update – See progress report dated February 2, 2015		

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

Sincerely,



David Saenz, P.E., C.F.M.
Project Manager
L&G Engineering

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 12-12-2014

Engineer/Firm Name: Melden & Hunt Inc.

Project Name/Number: RADO Drain Pct.2

Invoice No: # 0061168

Logged in and Scanned: 10:05AM 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: _____

7129.02			November	2014	
			Invoice	61168	
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
Totals	301,188.97	301,188.97		0.00	301,188.97
7129.01					
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	8,723.85	100.00	77,143.48	85,867.33
Const. Material Testing	25,000.00	1,750.00	100.00	23,250.00	25,000.00
Reimbursables	0.00	0.00	0.00		0.00
	152,600.05	52,206.57		100,393.48	152,600.05
				Total This Invoice	100,393.48

Invoice

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

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

DEC 12 2014
 10:00 AM PM
 BY: *Rosa Ace*

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

November 30, 2014
 Project No: 07129.02
 Invoice No: 0061168

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

Professional Services from November 01, 2014 to November 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	
Total Fee	301,188.97		301,188.97	
		Previous Fee Billing	301,188.97	
		Current Fee Billing	0.00	
		Total Fee		0.00
		Total this Project		0.00

Billings to Date

	Current	Prior	Total
Fee	0.00	301,188.97	301,188.97
Expense	0.00	17.00	17.00
Totals	0.00	301,205.97	301,205.97

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	100.00	85,867.33
Const. Material Testing	25,000.00	100.00	25,000.00

Project	07129.02	HCDD#1-RADO Drain Pct 2- Basic Services			Invoice	0061168
Reimbursables		0.00	0.00	0.00		
Total Fee		152,600.05		152,600.05		
			Previous Fee	52,206.57		
			Billing			
			Current Fee	100,393.48		
			Billing			
			Total Fee			100,393.48
					Total this Project	\$100,393.48

Billings to Date

	Current	Prior	Total	
Fee	100,393.48	43,482.72	143,876.20	
Totals	100,393.48	43,482.72	143,876.20	

Project	07129.16	HCDD#1-twin 115-in CMP, RADO Drain			
Rado Drain Pct 2 - Inspections Services as per contract rates.					
				Total this Project	0.00

Billings to Date

	Current	Prior	Total		
Labor	0.00	8,723.85	8,723.85		
Totals	0.00	8,723.85	8,723.85		
				Total this Invoice	\$100,393.48

Outstanding Invoices

Number	Date	Balance	
0060718	9/30/2014	568.56	
0060980	10/31/2014	142.14	
Total		710.70	
			Total Now Due
			\$101,104.18



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

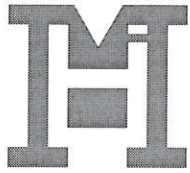
November 2014

- 1) The Contractor is working on the closeout documents for this project.



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

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

Date: December 12, 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

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	November Invoice
1	November Engineering Report

Remarks: Please review for processing.

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

Transmitted By: Laura C. Garcia, Accounting Dept.

DEC 12 2014

10:00 AM/PM

Received By: _____

BY: Rosa Lee

Date: _____ Time: _____

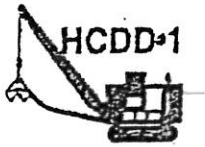
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 11.26.14

Engineer/Firm Name: R. Gutierrez Eng.

Project Name/Number: Mission Inlet Arch Culvert - Aluminum Liner Plate Repair

Invoice No: #3719

Logged in and Scanned: 2:09 PM By: R. Garza Forwarded to: by 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: _____

R. Gutierrez Engineering Corporation

Transmittal Form

TO: Godfrey Garza, Jr.
c/o Noe Saldivar
Hidalgo County Drainage Dist. No. 1
902 N. Doolittle
Edinburg, TX 78539

FROM: Jaime Jaimez, Jr.
SUBJECT: Mission Inlet Arch Culvert - Aluminum Liner Plate Repair
PROJECT NO.: ENG14.007
DATE: November 26, 2014

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

BLUEPRINTS PLANS SHOP DRAWINGS CD
 CHANGE ORDER SAMPLES PAYMENT REQUEST OTHER: INVOICE
 BID TABULATION CONTRACT DOCUMENTS RECORD DRAWINGS 3 1/2" DISKETTE

QUANTITY / SETS	DATED	ITEM DESCRIPTION
1	11/26/14	Invoice 3719
1	-	CBC Engineers Invoice(s)

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

NOV 26 2014

10:53 AM / PM
Jose Lee
BY: _____

Copy Distribution: file

Received by: _____



Professional Engineers & Land Surveyors

130 E. PARK AVENUE • PHARR, TEXAS 78577

(TEL) 956-782-2557 • (FAX) 956-782-2558

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

Invoice Number 3719

Date 11/26/2014

Due on receipt

Invoice

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

Project: Aluminum Structural Plate Arch REPAIR

Project No.: ENG14.007
Contract No.: WA#2
PO No. 625144

Const. Cost
% of Const. Cost
Billing Fee 51,240.00

<u>Phase</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
Preliminary Project Coordination Services	4,878.00	100.00%	4,878.00	4,878.00	0.00
Plans Specs and Estimate	10,239.00	100.00%	10,239.00	9,215.10	1,023.90
Bidding & Construction Administration	3,905.00	100.00%	3,905.00		3,905.00
Forensic Analysis of Aluminized Structural Plate Arch	32,000.00	47.61%	15,235.60		15,235.60
Other Direct Costs	222.00	100.00%	222.00		222.00

Balance Due \$20,386.50



Centerville Office

CBC Engineers and Associates, Ltd.
 125 Westpark Rd. Centerville, Ohio 45459
 Phone: 937-428-6150 Fax: 937-428-6154

Invoice

Mr. Ramrio Gutierrez, P.E.
 R. Gutierrez Engineering Corporation
 Professional Engineers & Land Surveyors
 130 Park Avenue
 Pharr, Texas 78577

Tax Payer I.D. No. 31-1443075
 Invoice Number 16268-4
 CBC Work Order No 16268
 Date: November 19, 2014
 CBC Report Number: 16268D-4-1114-05

Description of Professional Services:

Provide Evaluation of an Existing Aluminum Structural Plate (ALSP) Single Radius Arch with Design Span of 24 feet and Rise of 12 feet & The Aluminum Liner Plate Reline Repair -Under McColl Road, McAllen, Hidalgo County, Texas; CBC Work Order Number 16268

Scope:

Provide Repeat Shape Measurements of The Burnt ALSP Single Radius Arch by Taking Laser Shape Readings and Plotting the Geometry Against Design to See if there is any Additional Movement along the Structure as Well as the Damaged Area. Take Laser Shape Readings of the Replacement Aluminum Liner Plate Repair Before and After Grout Installation.

<u>Engineering Design Charges</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>EXTENSION</u>
Chief Engineer	2.00 Hours	\$200.00	\$400.00
Senior Project Manager	3.00 Hours	\$125.00	\$375.00
Engineer	20.00 Hours	\$110.00	\$2,200.00
Cad Technician	10.00 Hours	\$70.00	\$700.00
Clerical	1.50 Hours	\$47.00	\$70.50
Estimated Sub Total:			\$3,745.50

Travel Expenses

Hotel (3 Nights - 2 Technicians)	3.00 Each	\$0.00	\$0.00
Per Diem (4 days - 2 Technicians)	4.00 Each	\$0.00	\$0.00
Airfare w/ Luggage Cost	1.00 Each	\$0.00	\$0.00
Travel Miles To Ruston, LA	652.00 Miles	\$0.65	\$423.80
Sr. Project Manager Travel Time	38.00 Hours	\$0.00	\$0.00
Project Technician Travel Time	38.00 Hours	\$0.00	\$0.00
Estimated Sub Total:			\$423.80

Estimated Sub Total: \$423.80
Invoice Total: \$4,169.30

Contract Amount: \$16,000.00
 Previous Invoice: \$11,066.30
 Current Invoice: \$4,169.30
 Project Invoice Total \$15,235.60
 Contract Remainder \$764.40

Joseph A Dennis, Jr.
 Sr. Project Manager
 JAD/rs

Dayton, OH

Lexington, KY

Hazard, KY

Hurricane, WV

Harrisburg, IL

Please note that this invoice is payable upon receipt.
 Invoices older than 30 days will be subject to a 1.5% monthly interest rate.

Visit us at www.cbceng.com



Centerville Office

CBC Engineers and Associates, Ltd.
125 Westpark Rd. Centerville, Ohio 45459
Phone: 937-428-6150 Fax: 937-428-6154

Progress Invoice

Mr. Ramrio Gutierrez, P.E.
R. Gutierrez Engineering Corporation
Professional Engineers & Land Surveyors
130 Park Avenue
Pharr, Texas 78577

Tax Payer I.D. No. 31-1443075
Invoice Number 16268-3
CBC Work Order No 16268
Date: October 31, 2014

Description of Professional Services: Provide Evaluation of an Existing Aluminum Structural Plate (ALSP) Single Radius Arch with Design Span of 24 feet and Rise of 12 feet & The Aluminum Liner Plate Reline Repair -Under McColl Road, McAllen, Hidalgo County, Texas; CBC Work Order Number 16268

Scope: Provide Repeat Shape Measurements of The Burnt ALSP Single Radius Arch by Taking Laser Shape Readings and Plotting the Geometry Against Design to See if there is any Additional Movement along the Structure as Well as the Damaged Area. Take Laser Shape Readings of the Replacement Aluminum Liner Plate Repair Before and After Grout Installation.

<u>Engineering Design Charges</u>	<u>QUANTITY</u>	<u>UNIT PRICE</u>	<u>EXTENSION</u>
Chief Engineer	2.50 Hours	\$200.00	\$500.00
Senior Project Manager	7.00 Hours	\$125.00	\$875.00
Engineer	0.00 Hours	\$110.00	\$0.00
Cad Technician	3.50 Hours	\$70.00	\$245.00
Clerical	0.25 Hours	\$47.00	\$11.75
Estimated Sub Total:			\$1,631.75

<u>Travel Expenses</u>			
Hotel (3 Nights - 2 Technicians)	3.00 Each	\$307.05	\$921.15
Per Diem (4 days - 2 Technicians)	4.00 Each	\$75.00	\$300.00
Airfare w/ Luggage Cost	1.00 Each	\$379.60	\$379.60
Travel Miles From Ruston, LA	652.00 Miles	\$0.65	\$423.80
Sr. Project Manager Travel Time	38.00 Hours	\$125.00	\$4,750.00
Project Technician Travel Time	38.00 Hours	\$70.00	\$2,660.00
Estimated Sub Total:			\$9,434.55

Contract Amount: \$16,000.00
Previous Invoice: \$0.00
Current Invoice: \$11,066.30
Contract Remainder \$4,933.70

Estimated Sub Total: \$9,434.55
Invoice Total: \$11,066.30

Joseph A Dennis, Jr.
Sr. Porject Manager
JAD/rs

Dayton, OH Lexington, KY Hazard, KY Hurricane, WV Harrisburg, IL

Please note that this invoice is payable upon receipt.
Invoices older than 30 days will be subject to a 1.5% monthly interest rate.

Visit us at www.cbcceng.com

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

9102 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7089



INVOICE PROCESSING CHECKLIST

GODFREY GARZA, JR.
MANAGER

Data Received: 11.26.14

Engineer/Firm Name: R. GUTIERREZ ENG.

Project Name/Number: R-K TRENTON Rd Crossing. Const. Materials TESTING.

Invoice No: # 3720

Logged in and Scanned 8:10 PM By: R. Gu Forwarded to: Way 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: _____

R. Gutierrez Engineering Corporation

Transmittal Form

TO: Noe Saldivar
 Hidalgo County Drainage Dist. No. 1
 902 N. Doolittle
 Edinburg TX 78542

FROM: Jaime Jaimez, Jr.
 SUBJECT: R-K Trenton Road Crossing - Const. Materials Testing
 PROJECT NO.: ENG99.003
 DATE: November 26, 2014

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

BLUEPRINTS PLANS SHOP DRAWINGS CD
 CHANGE ORDER SAMPLES PAYMENT REQUEST OTHER: INVOICE
 BID TABULATION CONTRACT DOCUMENTS RECORD DRAWINGS 3 1/2" DISKETTE

QUANTITY / SETS	DATED	ITEM DESCRIPTION
1	11/26/14	Invoice 3720 (with R-K Invoice and Testing Reports)

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

NOV 26 2014

11:53 AM PM
 BY: *Noe Saldivar*

Copy Distribution: file

Received by: _____



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 3720

Date 11/26/2014

Due on receipt

Invoice

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

Project: R-K Trenton Road Crossing - Testing

Project No.: ENG99.003
Contract No.:
PO No. 625106

Const. Cost
% of Const. Cost _____
Billing Fee 9,525.43

<u>Phase</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
Construction Materials Testing	8,659.48	24.72%	2,140.60	1,193.50	947.10
Service Charge	865.95	24.72%	214.06	119.35	94.71

Balance Due

\$1,041.81

INVOICE



CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE

BILLING DATE :
11/4/2014

PROJECT :
AMD1405700
Hidalgo County Drainage District 1

CLIENT :
A13388 R Gutierrez Engineering Corp.



Ramiro Gutierrez
R Gutierrez Engineering Corp.
130 East Park Avenue
Pharr, TX 78577

REMITTANCE ADDRESS:
RABA KISTNER, INC.
P.O. BOX 971037
DALLAS, TX 75397-1037

PHONE (210) 699-9090

CONSULTING SERVICES

INVOICE SUMMARY INFORMATION

FM 495 Drain Trenton Road Field Crossing - Edinburg, Hidalgo County,
Texas
Project Administration 10% - RKCI Proposal No. PMD1405700
RETMC

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 10/11/2014

SERVICE DATE	07/30/2014	236.50
SERVICE DATE	07/31/2014	114.00
SERVICE DATE	08/13/2014	160.00
SERVICE DATE	08/14/2014	236.50
SERVICE DATE	08/15/2014	114.00
SERVICE DATE	10/11/2014	86.10

AMOUNT DUE THIS INVOICE ** 947.10

THIS IS AN INTERIM INVOICE UNLESS OTHERWISE NOTED

RK PROJECT MANAGER: JORGE L PEREZ
CLIENT PHONE: 956-782-2557

PROJECT ACCOUNTS RECEIVABLE SUMMARY

Amount Due This Invoice	\$	947.10
Total of Previous Invoices - Currently Unpaid		<u>0.00</u>
Total Due And Payable	\$	947.10

BILLING DATE :
11/4/2014

PROJECT :
AMD1405700 A13388
Hidalgo County Drainage District 1
R Gutierrez Engineering Corp.

SALARY / EXPENSE DETAILED BACKUP

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
07/30/2014				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M14-012359	1.00	45.000	45.00
CHARGE				
CONCRETE	M14-012359	5.00	14.500	72.50
COMPRESSIVE				
STRENGTH TESTS				
TECHNICIAN	M14-012359	2.00	46.000	92.00
TIME-CONCRETE				
TESTING				
AIR CONTENT OF	M14-012359	1.00	27.000	27.00
CONCRETE				
			SUBTOTAL	236.50
07/31/2014				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M14-012359	1.00	45.000	45.00
CHARGE				
TECH TIME CASTING	M14-012359	1.50	46.000	69.00
PICK UP SPEC				
			SUBTOTAL	114.00
08/13/2014				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M14-012583	1.00	45.000	45.00
CHARGE				
TECHNICIAN TIME	M14-012583	2.50	46.000	115.00
SAMPLING				
			SUBTOTAL	160.00
08/14/2014				
CMT FIELD & LABORATORY TESTING				
CONCRETE	M14-012600	5.00	14.500	72.50
COMPRESSIVE				
STRENGTH TESTS				
VEHICLE TRAVEL	M14-012600	1.00	45.000	45.00
CHARGE				
TECHNICIAN	M14-012600	2.00	46.000	92.00
TIME-CONCRETE				
TESTING				
AIR CONTENT OF	M14-012600	1.00	27.000	27.00
CONCRETE				
			SUBTOTAL	236.50
08/15/2014				
CMT FIELD & LABORATORY TESTING				
VEHICLE TRAVEL	M14-012600	1.00	45.000	45.00
CHARGE				
TECHNICIAN TIME-PICK	M14-012600	1.50	46.000	69.00
UP OF SPECIMEN(S)				
			SUBTOTAL	114.00

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.

BILLING DATE :
11/4/2014PROJECT :
AMD1405700 A13388
Hidalgo County Drainage District 1
R Gutierrez Engineering Corp.**SALARY / EXPENSE DETAILED BACKUP**

DESCRIPTION	REMARKS	QUANTITY	RATE	AMOUNT
10/11/2014				
CMT FIELD & LABORATORY TESTING				
PROJECT		1.00	86.100	86.10
ADMINISTRATION				
(MARKUP OF INVOICED				
BILLING CYCLE)				
SUBTOTAL 10%				
			SUBTOTAL	86.10
		** TOTAL PROJECT AMD1405700		<u>947.10</u>

LABORATORY TEST REPORT

Compressive Strength Test



Raba Kistner Consultants Inc.
800 East Hackberry
McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
www.rkci.com
TBPE Firm F-3257

ATTN.: MR. RAMIRO GUTIERREZ, P.E. PRESIDENT
TO: R. GUTIERREZ ENGINEERING CORPORATION
130 EAST PARK AVENUE
PHARR, TEXAS 78577

PROJECT NO.: AMD14-057-00
CAST DATE: 07/30/2014
ASSIGNMENT NO.: M14-012359
REPORT VERSION: A
TECHNICIAN: ARMANDO RODRIGUEZ JR

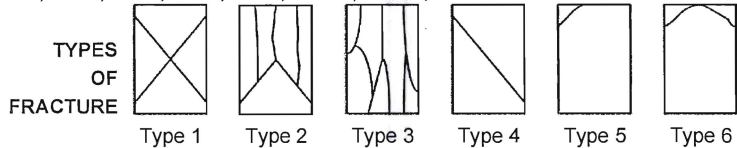
PROJECT: Hidalgo County Drainage District 1 1 FM 495 Drain Trenton Rd. Field Crossing, Edinburg, Texas

SAMPLE LOCATION: Rip Rap for Drainage Channel, Section Located Neat STA. 258+34.76

SET INDEX:	Set 1 of 1	BATCH TIME:	9:10 a.m.	AIR CONTENT (%):	1.3
SUPPLIER:	CAPA	SAMPLE TIME:	9:40 a.m.	UNIT WEIGHT (pcf):	ND
TRUCK NO:	9021	SAMPLE TEMP. (°F):	85	FIELD CURED (day):	1
TICKET NO:	289263	AMBIENT TEMP. (°F):	83	SAMPLE TYPE:	Concrete Cylinder
SAMPLED AT (cu yds):	10	SLUMP (in.):	2.75	SAMPLE SIZE(in.):	4 x 8
DESIGN STR.(psi):	3,000				
PRODUCT NO.:	TxDOT Class "B"				

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE
6	08/06/2014	7	39,635	4.00	12.57	3,150	105	Type 3
7	08/06/2014	7	38,190	4.00	12.57	3,040	101	Type 3
8	08/27/2014	28	50,540	4.00	12.57	4,020	134	Type 3
9	08/27/2014	28	42,680	4.00	12.57	3,400	113	Type 2
10	08/27/2014	28	47,775	4.00	12.57	3,800	127	Type 3

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C31, C39, C109, C138, C143, C172, C173, C231, C495, C1019, C1064, and C1231.



REMARKS:Mr. Juan Uribe w/R. Gutierrez Engineering Corporation was verbally notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

NOTICE: Raba Kistner Consultants, Inc. considers the data and information contained in this report to be proprietary. This information is intended only for the use of the recipient(s) named herein. Test results presented herein relate only to those items tested. This document and any information contained herein shall not be disclosed and shall not be duplicated or used in whole or in part for any purpose other than to validate test results without written approval from Raba Kistner Consultants, Inc.

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R. Gutierrez Engineering Corporation(2)

RABA KISTNER CONSULTANTS, INC.



Updated By: MMR 8/27/2014 2:53:37PM

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Osvaldo Ochoa

From: Javier Gutierrez [javier@rgec.net]
Sent: Tuesday, July 29, 2014 10:52 AM
To: Dennis C. Charkow; McAllen Dispatch
Cc: jaime@rgec.net
Subject: FM495 Drain Trenton Road Field Crossing - Testing

This email is a request for services for the above referenced project.

Date of Needed Services: 07/30/2014
Time of Need Services: 9:30 am
Type of Service Needed: Concrete Cylinders

Regards,
Javier Gutierrez
R. Gutierrez Engineering Corporation – Texas Firm #486
(956)782-2557
javier@rgec.net

This email and any files transmitted with it contain information belonging to the office of R. Gutierrez Engineering Corporation which is confidential and/or legally privileged. This information is intended only for the individual or entity to whom this email is addressed. If you are not the named recipient, you are hereby notified that any disclosure, copying, distributing or taking of this information for any use whatsoever is strictly prohibited. If you receive this message in error, please notify the sender at (956)782-2557 or by email at office@rgec.net and delete this message immediately from your computer. Thank you...

AUG 07 2014

Trip Charge Report



Raba Kistner Consultants Inc.
800 East Hackberry
McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
www.rkci.com
TBPE Firm F-3257

ATTN.: MR. RAMIRO GUTIERREZ, P.E. PRESIDENT
TO: **R. GUTIERREZ ENGINEERING CORPORATION**
130 EAST PARK AVENUE
PHARR, TEXAS 78577

PROJECT NO.: AMD14-057-00
DATE OF SERVICE: 08/13/2014
ASSIGNMENT NO.: M14-012583
REPORT VERSION: A
TECHNICIAN: VICTOR SALINAS IIII

PROJECT: Hidalgo County Drainage District 1 1 FM 495 Drain Trenton Rd. Field Crossing, Edinburg, Texas

11:30 am Arrived at the Project Site

Arrived at the project site, as scheduled, to cast compressive strength concrete specimens. Upon arrival, the RKCI representative was informed by Mr. Juan Uribe w/R. Gutierrez Engineering Corporation, that the area scheduled for testing was not ready and would be rescheduled for a later date.

1:00 pm Departed the Project Site

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RABA KISTNER CONSULTANTS, INC.



Updated By: CCJ 8/20/2014 1:06:32PM

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Oswaldo Ochoa

From: Javier Gutierrez <javier@rgec.net>
Sent: Tuesday, August 12, 2014 10:52 AM
To: Dennis C. Charkow; McAllen Dispatch
Cc: jaime@rgec.net
Subject: FM495 Drain Trenton Road Field Crossing - Testing

This is email is a request for services for the above referenced project.

Date of Needed Services: 08/13/2014
Time of Need Services: 11:30 am
Type of Service Needed: Concrete Cylinders

Regards,
Javier Gutierrez
R. Gutierrez Engineering Corporation – Texas Firm #486
956-782-2557
javier@rgec.net

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LABORATORY TEST REPORT

Compressive Strength Test



Raba Kistner Consultants Inc.
800 East Hackberry
McAllen, Texas 78501
(956) 682-5332 • FAX(956) 682-5487
www.rkci.com
TBPE Firm F-3257

ATTN.: MR. RAMIRO GUTIERREZ, P.E. PRESIDENT
TO: R. GUTIERREZ ENGINEERING CORPORATION
130 EAST PARK AVENUE
PHARR, TEXAS 78577

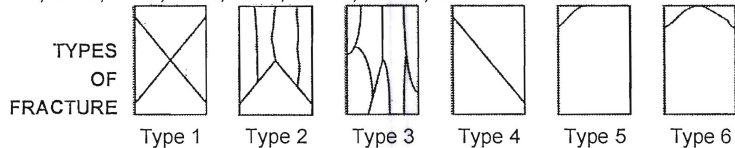
PROJECT NO.: AMD14-057-00
CAST DATE: 08/14/2014
ASSIGNMENT NO.: M14-012600
REPORT VERSION: A
TECHNICIAN: ARMANDO RODRIGUEZ JR

PROJECT: Hidalgo County Drainage District 1 1 FM 495 Drain Trenton Rd. Field Crossing, Edinburg, Texas
SAMPLE LOCATION: Irrigation Canal Rip Rap Section Near STA.: 257 + 40

SET INDEX:	Set 1 of 1	BATCH TIME:	1:00 p.m.	AIR CONTENT (%):	1.2
SUPPLIER:	CAPA	SAMPLE TIME:	1:40 p.m.	UNIT WEIGHT (pcf):	ND
TRUCK NO:	0776	SAMPLE TEMP. (°F):	90	FIELD CURED (day):	1
TICKET NO:	2020191	AMBIENT TEMP. (°F):	98	SAMPLE TYPE:	Concrete Cylinder
SAMPLED AT (cu yds):	10	SLUMP (in.):	2.00	SAMPLE SIZE(in.):	4 x 8
DESIGN STR.(psi):	3,000				
PRODUCT NO.:	TxDOT Class "B"				

SPECIMEN NUMBER	DATE OF TEST	AGE (days)	LOAD (lbs)	DIAMETER (in)	AREA (in. ²)	STRENGTH (psi)	PERCENT OF DESIGN	FRACTURE TYPE
11	08/21/2014	7	30,060	4.00	12.57	2,390	80	Type 3
12	08/21/2014	7	31,360	4.00	12.57	2,490	83	Type 3
13	09/11/2014	28	39,700	4.00	12.57	3,160	105	Type 4
14	09/11/2014	28	38,665	4.00	12.57	3,080	103	Type 2
15	09/11/2014	28	40,090	4.00	12.57	3,190	106	Type 3

NOTE: Some information on this test report provided by others. Testing and reporting was conducted in general accordance with the following applicable A.S.T.M. references: C31, C39, C109, C138, C143, C172, C231, C495, C1019, C1064, and C1231.



REMARKS: Mr. Juan Uribe w/R. Gutierrez Engineering Corporation was verbally notified of field test results. ND-Not Determined; NP-Not Provided; NA-Not Applicable.

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R. Gutierrez Engineering Corporation(2)

RABA KISTNER CONSULTANTS, INC.

Carlos Ceballos
BY: _____
09/11/2014



Updated By: MMR 9/11/2014 3:19:28PM

Austin • Brownsville • Dallas • El Paso • Houston • McAllen • Mexico • New Braunfels • Salt Lake City • San Antonio



Oswaldo Ochoa

From: Javier Gutierrez [javier@rgec.net]
Sent: Thursday, August 14, 2014 8:45 AM
To: Dennis C. Charkow; McAllen Dispatch
Cc: jaime@rgec.net
Subject: FM495 Drain Trenton Road Field Crossing - Testing

This is email is a request for services for the above referenced project.

Date of Needed Services: 08/14/2014
Time of Need Services: 1:30 pm
Type of Service Needed: Concrete Cylinders

Regards,
Javier Gutierrez
R. Gutierrez Engineering Corporation – Texas Firm #486
(956)782-2557
javier@rgec.net

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AI -48928

4.

DRAINAGE - CONSENT

Meeting Date: 03/17/2015

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Request approval to issue payment on the following items after review & audit procedures are completed:

L&G Consulting Engineers, Inc.

Invoice no. 11325053 in the amount of \$47,391.34 for La Joya Watershed Improvements; Work Authorization no. 1; PO#622086.

BACKGROUND

Fiscal Impact

Attachments

L&G Inv#11325053

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	03/13/2015 05:01 PM
Final Approval	Monica Badillo	03/13/2015 05:20 PM
Form Started By: Claudette Guerrero		Started On: 03/13/2015 01:36 PM
Final Approval Date: 03/13/2015		

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received: 01/30/2015

Engineer/Firm Name: L&G Engineering

Project Name/Number: WA#1 La Joya Watershed Imp. Proj.

Invoice No: # 11325053

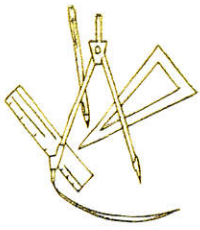
Logged in and Scanned: 4:50 PM By: R. Arce Forwarded to: J. Garza

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: _____



February 2, 2015

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 #1 on La Joya Watershed Improvement Project

Job #130101

P.O. #622086

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered during the month of January 2015 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325053
- CD w/Electronic Files of Data for:
 - Task 5
 - Task 6

TASK		% COMPL
Task 1 ~ 12001 – Coordinate w/ TxDOT-County-City to Accommodate Local Drainage Needs & Corresponding Participation	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 2 ~ 16101 – Gather Information Regarding Existing Drainage Features, Facilities, & Watersheds	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 3 ~ 16102 – Coordinate and Ensure Compliance with TCEQ Requirements for Discharging into La Joya Lake	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 4 ~ 16103 – Meet w/ County-HCDD#1-TxDOT-Cities and Examine Existing Hydrologic Studies	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 5 ~ 12002 – Identification of All Affected Property Owners	L&G	100%
Update – L&G has completed this task and all affected property owners have been identified.		

Task 6 ~ 12003 – Coordination w/ Landowners due to Prop Outfall	L&G	100%
Update – L&G has completed the limited public involvement phase with major landowners and pit location sites to discuss the proposed project outfall and detention locations. This phase of the project is complete.		
Task 8 ~ 16104 – Field Reconnaissance for Identification and Logging of Existing Conditions Along Project Alignment	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 9 ~ 16105 – La Joya Lake Watershed Delineation and Operational Research	L&G	100%
Task Completed – See Progress Report Dated (8-1-13)		
Task 10 ~ 16106 – Coordination & Review of Drainage Improvement Plan	L&G	100%
Task Completed – See Progress Report Dated (8-1-13)		
Task 10A ~ 16160 (SUB) – Drainage Improvement Plan	CSE	100%
Task Complete – See progress report from CSE titled “La Joya Watershed Improvement Project –Monthly Progress Report #9 – February 2014” for a detailed explanation of the work that has been completed during this billing period.		
Task 11 ~ 16107 – Overall Drainage Area Map (based on CSE Analysis/Model/Report)	L&G	100%
Task Completed – See Progress Report Dated (10-1-13)		
Task 12 ~ 16108 – Outfall Drainage Area Map (based on CSE Analysis/Model/Report)	L&G	100%
Task Completed – See Progress Report Dated (10-1-13)		
Task 13 ~ 16109 – Prelim. Eng. Report Summarizing Findings	L&G	78.9%
No Update – See Progress Report Dated (11-1-13)		
Direct Expenses	L&G	67.2%
No Update – See Progress Report Dated (8-1-13)		

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

Sincerely,

David Saenz, P.E., C.F.M.
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#: 11325053
INVOICE DATE: 1/31/2015

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1


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

JAN 30 2015
 4:32 AM/PM
 BY: RosaDre

JOB:130101
 La Joya Watershed Imp
 WA#1
 P.O.#622086

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of January 2015.						
FC 120 - PUBLIC INVOLVEMENT TO PHASE I						
Task 1 - 12001 - Coordinate w/TxDOT-County-City	15,637.36	15,637.36		15,637.36	100.0	-
Task 5 - 12002 - Indent. Of All Affected Prop. Owners	33,193.22	32,482.98	710.24	33,193.22	100.0	-
Task 6 - 12003 - Coord. w/Landowners due to Prop Outfall	69,020.10	22,339.00	46,681.10	69,020.10	100.0	-
Task 7 - 12004 - Environmental Study Phase I	39,395.40			0.00	0.0	39,395.40
	157,246.08	70,459.34	47,391.34	117,850.68		39,395.40
FC 161 - HYDROLOGY						
Task 2 - 16101 - Gather Info Regarding Ext. Drainage	70,022.14	70,022.14		70,022.14	100.0	-
Task 3 - 16102 - Coord. and Ensure Compliance w/TCEQ	26,078.36	26,078.36		26,078.36	100.0	-
Task 4 - 16103 - Meet w/Govt Entiities to Exam Hydro Stud	57,426.30	57,426.30		57,426.30	100.0	-
Task 8 - 16104 - Field Recon. For ID and Logging of Exst.	56,916.24	56,916.24		56,916.24	100.0	-
Task 9 - 16105 - La Joya Lake Watershed Delineation	60,521.84	60,521.84		60,521.84	100.0	-
Task 10 - 16106 - Coord. & Review of Drainage Imp Plan	28,385.12	28,385.12		28,385.12	100.0	-
Task 10A - 16160 - SUB - Drainage Imp. Plan	169,189.00	169,189.00		169,189.00	100.0	-
Task 11 - 16107 - Overall Drainage Area Map	22,241.94	22,241.94		22,241.94	100.0	-
Task 12 - 16108 - Outfall Drainage Area Map	22,241.94	22,241.94		22,241.94	100.0	-
Task 13 - 16109 - Prelim. Eng. Report Summarizing Findings	29,345.52	23,164.48		23,164.48	78.9	6,181.04
	542,368.40	536,187.36	0.00	536,187.36		6,181.04
Direct Expenses	5,937.50	3,987.50		3,987.50	67.2	1,950.00
	5,937.50	3,987.50	0.00	3,987.50		1,950.00
TOTALS:	705,551.98	610,634.20	47,391.34	658,025.54	93.3	47,526.44

ORIGINAL CONTRACT SUM \$ 705,551.98
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 705,551.98
TOTAL COMPLETED TO DATE \$ 658,025.54
LESS PREVIOUS INVOICES \$ 610,634.20
CURRENT PAYMENT DUE \$ 47,391.34



 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
 Reference: Inv#1325053
 Date: 01/31/2015
 P.O.#622086

	Hrs		Rate	Total
Senior Project Manager	90.00	X	206.39	\$18,575.10
Senior Engineer	102.00	X	169.97	\$17,336.94
Design Engineer	62.00	X	109.27	\$6,774.74
Senior Engineer Tech	62.00	X	75.88	\$4,704.56
Biologist	0.00	X	48.56	\$0.00
Senior Env Scientist	0.00	X	130.51	\$0.00
Env Scientist	0.00	X	75.88	\$0.00
Admin/Clerical	0.00	X	54.63	\$0.00

Grand Total of Hours

\$ 47,391.34

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours

\$ 47,391.34

Sub Contract

\$ -

(See Attached Sub Invoice for Man Hour Breakdown)

Direct Expenses

	Current	Units	Rate		
--	---------	-------	------	--	--

20 ft. Long by 3 ft. Tall Hydro Map (8 Units)	0	X	300.00	\$	-
8.5 X 11 Copies (i.e. Corr. w/Landowners) - (1,000 units)	0	X	1.00	\$	-
11 x 17 Copies (i.e. various Exhibits) - (500 units)	0	X	1.50	\$	-

\$ -

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 47,391.34