



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS**

July 29, 2014

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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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-45656** For clarification purpose only: July 8, 2014 HCDD1 Board of Directors approved Agenda Item 45349 (D) requesting approval of Work Authorization No. 15 with Tedsi Infrastructure Group, Inc in the amount of \$200,000.00. Correction being made is to Work Authorization Number should be Work Authorization No. 16.
3. **AI-45706** A. Request approval of the following Engineering invoices for the 2013 Bond Series Projects:
 1. Entech Civil Engineers, Inc. ; WA #6 NMD WIER5;Invoice #W5ENT62445-1;\$9,245.64
 2. Entech Civil Engineers, Inc. ; WA #5 NMD WEIR3;Invoice # W5ENT624244-1;\$9,147.99
 3. Half and Associates; WA#2 North Main Weir1;Invoice M186204;\$2,151.07
 4. Entech Civil Engineers, Inc.; Weir #5; Invoice 0041-12-001-6;\$5,887.20

4. AI-45714 2013 Bond Payment:

Request approval to issue payment after review & audit procedures have been completed:

Inv no. 11324854 in the amount of \$14,283.71 for L&G Consulting Engineers related to Work Authorization no. 3-Mission Inlet Recertification Project-Surveying Services.

Inv no. 11324853 in the amount of \$2,495.94 for L& G Consulting Engineers related to Work Authorization no. 2-Mission Inlet Recertification Project-FEMA Re-evaluation (Detention Area).

AI-45656

2.

DRAINAGE - CONSENT

Meeting Date: 07/29/2014

Submitted By: Jaime Salazar, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

For clarification purpose only: July 8, 2014 HCDD1 Board of Directors approved Agenda Item 45349 (D) requesting approval of Work Authorization No. 15 with Tedsi Infrastructure Group, Inc in the amount of \$200,000.00. Correction being made is to Work Authorization Number should be Work Authorization No. 16.

BACKGROUND

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	07/23/2014 03:14 PM
Final Approval	Monica Badillo	07/25/2014 04:27 PM
Form Started By: Jaime Salazar		Started On: 07/23/2014 01:37 PM
	Final Approval Date: 07/25/2014	

AI-45706

3.

DRAINAGE - CONSENT

Meeting Date: 07/29/2014

Submitted By: Lora Briones, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

A. Request approval of the following Engineering invoices for the 2013 Bond Series Projects:

1. Entech Civil Engineers, Inc. ; WA #6 NMD WIER5;Invoice #W5ENT62445-1;\$9,245.64
2. Entech Civil Engineers, Inc. ; WA #5 NMD WEIR3;Invoice # W5ENT624244-1;\$9,147.99
3. Halff and Associates; WA#2 North Main Weir1;Invoice M186204;\$2,151.07
4. Entech Civil Engineers, Inc.; Weir #5; Invoice 0041-12-001-6;\$5,887.20

BACKGROUND

Attachments

Consent 45706 invoices

Form Review

Inbox	Reviewed By	Date
Final Approval	Monica Badillo	07/25/2014 04:27 PM
Form Started By: Lora Briones		Started On: 07/25/2014 03:54 PM
	Final Approval Date: 07/25/2014	

ENTECH CIVIL ENGINEERS, INC.

CONSULTING ENGINEERS • PROJECT MANAGERS

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUL 22 2014

3:00 AM PM

BY: *Rosa Arce*

INVOICE

Mr. Godfrey Garza, Jr.,
Hidalgo County Drainage District No. 1
902 N. Doolittle Rd.
Edinburg, Texas 78542

INVOICE NUMBER: W5ENT624245-1

DATE: 7/16/2014

Re: Hidalgo County Drainage District No. 1
Rehabilitation of North Main Drain Weir 3 & SMD Weir 5 PCT 4
Work Authorization No. 6 - Weir 5
Purchase Order No: 624245
Entech Project No. 0041-13-001

Description	Amount
Invoice for June 1, to June 30, 2014	\$9,245.64

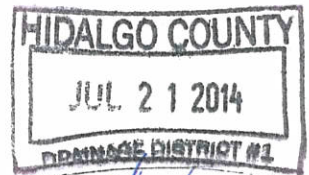
14-133-433-375-43340-040-003

Total \$9,245.64

Thank you,



Nick Alanis
Vice President



Alanis

ENTECH CIVIL ENGINEERS, INC.
Hidalgo County Drainage District No. 1
Rehabilitation of North Main Drain Weir 3 & SMD Weir 5 PCT 4
Work Authorization No. 6 - Weir 5
Purchase Order No: 624245

Date of Invoice: 7/16/2014
 Invoice No.: W5ENT624245-1
 Entech Job No.: 0041-13-001
 Period of Services: June 1, to June 30, 2014

LABOR COSTS

unctic Task Code Description	Task Value (\$)	% Completed To Date	% Previously Completed	% Completed This Period	Amount Completed To Date (\$)	Amount Previously Completed	Amount Completed This Period
Final Desing (Basic Services) Geotechnical							
Entech Civil Engineers, Inc.							
Final Design (Basic Services)	28,955.98						
	\$ 28,955.98	31.93%	0.00%	31.93%	\$9,245.64	\$0.00	\$9,245.64
TOTAL LABOR COSTS	\$ 28,955.98	31.93%	0.00%	31.93%	\$9,245.64	\$0.00	\$9,245.64

Invoice this Period	\$9,245.64
Contract Amount	\$28,955.98
Remaining Amount	\$19,710.34

ENTECH CIVIL ENGINEERS, INC.

CONSULTING ENGINEERS • PROJECT MANAGERS

NMD-WR3 and SMD-WR5 Hidalgo County Drainage District No. 1

Progress Report No 1 for January – June 2014

Progress to Date

- Received and submitted survey data for Weir #3
- Received and submitted survey data for Weir #5
- Received and submitted geotechnical report for Weir # 3
- Received and submitted geotechnical report for Weir # 5
- Calculated and drafted preliminary hydrology data and rip rap plans for Weir #3 and Weir #5

Work to be Completed Next Period

- Continue development of design

ENTECH CIVIL ENGINEERS, INC.

CONSULTING ENGINEERS • PROJECT MANAGERS

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUL 22 2014

3:00 AM PM
BY: Rosa Arce

INVOICE

Mr. Godfrey Garza, Jr.,
Hidalgo County Drainage District No. 1
902 N. Doolittle Rd.
Edinburg, Texas 78542

INVOICE NUMBER: W3ENT624244-1
DATE: 7/16/2014

Re: Hidalgo County Drainage District No. 1
Rehabilitation of North Main Drain Weir 3 & SMD Weir 5 PCT 4
Work Authorization No. 5 - Weir 3
Purchase Order No: 624244
Entech Project No. 0041-13-001

Description	Amount
Invoice for June 1, to June 30, 2014	\$9,247.99

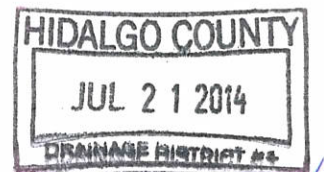
14-133433-37543340-040-002

Total \$9,247.99

Thank you,



Nick Alanis
Vice President



ENTECH CIVIL ENGINEERS, INC.
Hidalgo County Drainage District No. 1
Rehabilitation of North Main Drain Weir 3 & SMD Weir 5 PCT 4
Work Authorization No. 5 - Weir 3
Purchase Order No: 624244

Date of Invoice: 7/16/2014
 Invoice No.: W3ENT624244-1
 Entech Job No.: 0041-13-001
 Period of Services: June 1, to June 30, 2014

LABOR COSTS

Contract Task Code Description	Task Value (\$)	% Completed To Date	% Previously Completed	% Completed This Period	Amount Completed To Date (\$)	Amount Previously Completed	Amount Completed This Period
Final Design (Basic Services) Geotechnical							
Entech Civil Engineers, Inc.							
Final Design (Basic Services)	30,724.22						
	\$ 30,724.22	30.10%	0.00%	30.10%	\$9,247.99	\$0.00	\$9,247.99
TOTAL LABOR COSTS	\$ 30,724.22	30.10%	0.00%	30.10%	\$9,247.99	\$0.00	\$9,247.99

Invoice this Period	\$9,247.99
Contract Amount	\$30,724.22
Remaining Amount	\$21,476.23

ENTECH CIVIL ENGINEERS, INC.

CONSULTING ENGINEERS • PROJECT MANAGERS

NMD-WR3 and SMD-WR5 Hidalgo County Drainage District No. 1

Progress Report No 1 for January – June 2014

Progress to Date

- Received and submitted survey data for Weir #3
- Received and submitted survey data for Weir #5
- Received and submitted geotechnical report for Weir # 3
- Received and submitted geotechnical report for Weir # 5
- Calculated and drafted preliminary hydrology data and rip rap plans for Weir #3 and Weir #5

Work to be Completed Next Period

- Continue development of design

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUL 22 2014

3:01 AM/PM

BY: *Rosalree*

INVOICE HALFF

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

REMITTANCE ADDRESS:

P.O. Box 910259
Dallas, TX 75391-0259
www.halff.com

HIDALGO COUNTY DRAINAGE DISTRICT #1
902 N. DOOLITTLE
EDINBURG, TX. 78539
Attention: Ms. Lora Briones

Invoice Date: 07/14/2014
Invoice #: M186204
Project: 29945
Invoice Group: 01
Client Code: HIDALG

Project Name : HCDD#1\North Main Drain Weir NO. 1

14,133-433-375-43340-010-000

For Professional Services Rendered through: 6/30/2014

Re:Engineering Services
North Main Drain Weir No.1
Edinburg, TX

Purchase Order #624132 -R

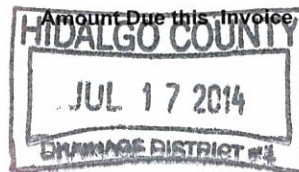
** Please contact Maribel Martinez at (956-664-0286)
with any questions regarding this invoice.

Phase / Task / Name	Fee	Previous Amount	% Complete	Current Amount	Total Fee Earned
CM01 -- Construction Administration					
WO01 -- Bidding	4,858.44	0.00	0.00	0.00	0.00
WO02 -- Construction Administration	22,395.60	0.00	0.00	0.00	0.00
WO03 -- Record Drawings	4,921.54	0.00	0.00	0.00	0.00
Phase CM01 Subtotal	32,175.58	0.00	0.00	0.00	0.00
DZ01 -- Engineering Services					
WO01 -- Preliminary Planning	6,821.84	6,821.84	100.00	0.00	6,821.84
WO02 -- Preliminary Engineering	19,183.60	18,644.20	98.78	306.18	18,950.38
WO03 -- Final Design	37,769.12	6,328.11	21.64	1,844.89	8,173.00
Phase DZ01 Subtotal	63,774.56	31,794.15	53.23	2,151.07	33,945.22
RE01 -- Reimbursable Expenses					
**** -- Default Task	2,320.00	871.21	37.55	0.00	871.21
Phase RE01 Subtotal	2,320.00	871.21	37.55	0.00	871.21
Totals:	98,270.14	32,665.36	35.43	2,151.07	34,816.43

Total Fee Earned To Date
Less Previous Billings

34,816.43
32,665.36

2,151.07



TERMS: DUE UPON RECEIPT
ORIGINAL

(214) 346-6200

(214) 739-0108 Fax

Phase :DZ01 -- Engineering Services

Task : WO02 -- Preliminary Egnineering

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Project Administrator				
Maribel M. Martinez	06/12/2014	0.50	58.32	29.16
	06/13/2014	2.00	58.32	116.64
	06/18/2014	1.50	58.32	87.48
	06/19/2014	0.50	58.32	29.16
	06/20/2014	0.75	58.32	43.74
		-----		-----
		5.25		306.18

Rate Schedule Labor 306.18

Total Task : WO02 -- Preliminary Egnineering

**Labor : 306.18
Expense : 0.00**

Task : WO03 -- Final Design

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Engineering Designer				
Marcos Diaz	06/04/2014	4.00	97.20	388.80
	06/06/2014	2.00	97.20	194.40
		-----		-----
		6.00		583.20
Project Engineer				
Raul Garcia, Jr.	06/12/2014	1.00	124.61	124.61
	06/13/2014	1.00	124.61	124.61
	06/16/2014	1.00	124.61	124.61
	06/17/2014	0.50	124.61	62.31
	06/18/2014	1.00	124.61	124.61
		-----		-----
		4.50		560.75
Project Manager				
Wayne Andrew Johnston	06/09/2014	0.25	233.65	58.41
	06/13/2014	2.25	233.65	525.71
	06/16/2014	0.25	233.65	58.41
	06/17/2014	0.25	233.65	58.41
		-----		-----
		3.00		700.94

Rate Schedule Labor 1,844.89

Total Task : WO03 -- Final Design

**Labor : 1,844.89
Expense : 0.00**

Total Phase : DZ01 -- Engineering Services

2,151.07

Total Project: 29945 -- HCDD#1\North Main Drain Weir NO. 1

2,151.07

ENTECH CIVIL ENGINEERS, INC.
CONSULTING ENGINEERS • PROJECT MANAGERS

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUL 22 2014

3:00 AM PM

BY: *Rosa Arce*

INVOICE

INVOICE NUMBER: **0041-12-001-6**

DATE: **7/15/2014**

PURCHASE ORDER NO. **621259-R**

621259-14

Mr. Godfrey Garza, Jr.,
Hidalgo County Drainage District No. 1
902 N. Doolittle Rd.
Edinburg, Texas 78542

Re: Hidalgo County Drainage District No. 1 - Weir #5
Contract No: 12-016-03-27
Entech Project No. 0041-12-001

Description	Amount
Invoice for June 1, 2013 to June 30, 2013	\$5,887.20

Total **\$5,887.20**

Thank you,

Nick Alanis

Nick Alanis
Vice President

14-110-433-006-43340

HIDALGO COUNTY
JUL 21 2014
DRAINAGE DISTRICT #1

AI-45714

4.

DRAINAGE - CONSENT

Meeting Date: 07/29/2014

Submitted By: Claudette Guerrero, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

2013 Bond Payment:

Request approval to issue payment after review & audit procedures have been completed:

Inv no. 11324854 in the amount of \$14,283.71 for L&G Consulting Engineers related to Work Authorization no. 3-Mission Inlet Recertification Project-Surveying Services.

Inv no. 11324853 in the amount of \$2,495.94 for L& G Consulting Engineers related to Work Authorization no. 2-Mission Inlet Recertification Project-FEMA Re-evaluation (Detention Area).

BACKGROUND

Attachments

L&G Inv#11324853

L&G Inv#11324854

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	07/25/2014 05:18 PM
Budget & Management	Debbie Tamez	07/25/2014 05:18 PM
Final Approval		
Form Started By: Claudette Guerrero		Started On: 07/25/2014 05:03 PM

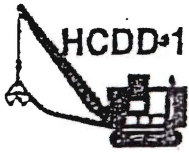
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOCKTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7083



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/21/14

Engineer/Firm Name: L&G Engineering

Project Name/Number: WA#2 MISSION INLET REC. PROJ.

Invoice No: #11324853

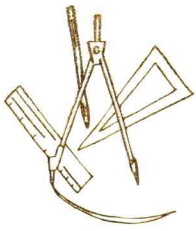
Logged in and Scanned: 245 6/14 By: Rosa Lee Forwarded to: Norman Reyes

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: _____



May 30, 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 #2 on Mission Inlet Recertification Project

Job #130202

P.O. #623105

Dear Mr. Garza,

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

The following is attached:

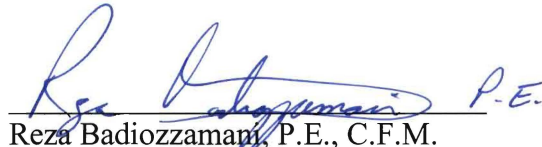
- L&G's Invoice #11324853
- CD w/ Electronic Files of Data (Exhibits/Calcs./Models/Misc. Info) for:
 - Task 2 ~ FC15001
 - Task 3 ~ FC15010 - SUB
 - R.O.W. Surveying Services – Monthly Progress Report and Invoice (#R14-0020) – April 2014

TASK		% COMPL
FC13001 – Task 1 ~ ROE / NOA on Affected Parcels (Est. 10 Land Owners)	L&G	100%
Task Complete – See Progress Report Dated (10-1-13)		
FC15001 – Task 2 ~ Coord. w/ Surveyor for Design and Levee/Embankment Mapping	L&G	96.9%
Update – L&G has actively managed and provided oversight of the surveying operation denoted in Task 3.		
FC15010 – Task 3 ~ Sub Design & Levee/Embank Map Surveying	ROW SS	95.8%
Update – See ROWSS Progress Report & Invoice attached dated May 29, 2014.		
FC11004 – Task 4 ~ Coord. w/ Geo Sub – Boring Locations, Testing, USACE Comp.	L&G	96.8%
No Update – See Progress Report Dated December 2, 2013		

FC11040 – Task 5 ~ Sub Div. III Borings for Geo. Analysis of Protect Embank/Levees	L&G Lab	90.9%
No Update – See Progress Report Dated December 2, 2013		
FC16301 – Task 6 ~ Research Requirements of Private Levee Certification by FEMA	L&G	64.0%
No Update – See Progress Report Dated December 2, 2013		
FC16302 – Task 7 ~ Research Requirements for Levee Certification (USIBWC)	L&G	94.4%
No Update – See Progress Report Dated December 2, 2013		
Direct Expenses	L&G	62.9%
No Update – See Progress Report Dated September 2, 2013		

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#: 11324853
INVOICE DATE: 5/31/2014

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

JUN 02 2014

11:42 AM/PM

BY: Rosa Ace

JOB:130202
Mission Inlet Recertification Project
WA#2
P.O.#623105

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

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of May 2014.						
FC 13001 - Task 1 - ROE/Notice of Activity on Aff. Parcels	13,063.72	13,063.72	0.00	13,063.72	100.0	-
FC 15001 - Task 2 - Coord w/Sury for Design and Levee/Embank	13,670.52	12,917.80	339.94	13,257.74	97.0	412.78
FC 15010 - Task 3 - Sub: Design & Levee/Embank Map Surveying	118,330.00	111,239.00	2,156.00	113,395.00	95.8	4,935.00
FC 11004 - Task 4 - Coord w/GeoTech Eng Sub - Boring Locatio	30,570.56	29,599.30	0.00	29,599.30	96.8	971.26
FC 11040 - Task 5 - Sub: Div III Borings for GeoTech Analyse	446,864.30	406,240.94	0.00	406,240.94	90.9	40,623.36
FC 16301 - Task 6 - Research Req. for private Levee Cert by	21,828.96	20,517.76	0.00	20,517.76	94.0	1,311.20
FC 16302 - Task 7 - Research Req. for Levee Cert by USIBWC	13,379.14	12,626.32	0.00	12,626.32	94.4	752.82
	<u>657,707.20</u>	<u>606,204.84</u>	<u>2,495.94</u>	<u>608,700.78</u>		<u>49,006.42</u>
Direct Expenses	1,750.00	1,100.00		1,100.00	62.9	650.00
	<u>1,750.00</u>	<u>1,100.00</u>	<u>0.00</u>	<u>1,100.00</u>		<u>650.00</u>
TOTALS:	<u><u>659,457.20</u></u>	<u><u>607,304.84</u></u>	<u><u>2,495.94</u></u>	<u><u>609,800.78</u></u>	<u>92.5</u>	<u><u>49,656.42</u></u>

ORIGINAL CONTRACT SUM \$ 659,457.20
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 659,457.20
TOTAL COMPLETED TO DATE \$ 609,800.78
LESS PREVIOUS INVOICES \$ 607,304.84
CURRENT PAYMENT DUE \$ 2,495.94


 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#2
 Reference:Inv#11324853
 Date: 5/31/2014
 P.O.#623105

	Hrs		Rate	Total
Senior Project Manager	0.00	X	206.39	\$0.00
Senior Engineer	2.00	X	169.97	\$339.94
Design Engineer	0.00	X	109.27	\$0.00
ROW Administrator	0.00	X	103.20	\$0.00
Admin/Clerical	0.00	X	54.63	\$0.00

Grand Total of Hours

\$ 339.94

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours	\$ 339.94
Sub Contract	\$ 2,156.00
<small>(See Attached Sub Invoice for Man Hour Breakdown)</small>	

Direct Expenses	Current Units		Rate			
10 ft. Long by 3 ft. Tall Hydro Map (30sq. Ft) @\$5.00/sq. ft	0	X	150.00	\$	-	
8.5 X 11 Copies (i.e. Corr. w/Landowners) - (2,000 units)	0	X	1.00	\$	-	
				\$	-	
				\$	-	

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 2,495.94

R. O. W. SURVEYING SERVICES, LLC.

May 29, 2014

Mr. Jacinto Garza, P.E.
L&G Engineering
Transportation Consultants
Attn: Reza Badiozzamani, P.E.
2100 W. Expressway 83
Mercedes, Texas 78570

Project: **Work Authorization #1: Mission Inlet Project**
 Limits: United Irrigation Main Canal to Floodway Channel
 Invoice #R14-0020

Dear Mr. Garza:

Attached for your approval is our invoice for services rendered through the month of April, 2014.

- R.O.W. Surveying Services' Invoice #**R14-0020**
- Work Schedule
- Attached Summary Report by RPLS
- Final Progress Report CD with Electronic Files of completed project was delivered as of May 12, 2014:
 - Primary and Secondary Control (Limits of Project)
 - Control Point 3 pt sketches
 - Level Loop Field Book Notes
 - New Bench Mark Information
 - Level Loop Data verifying existing elevations to IBWC Bench Mark at Structure 53-A
 - Digital Terrain Model (for Levees from 10th St. to IBWC Floodway Channel)
 - Topographic Data for Cross-Sections Along North and South Levee and Swales
 - DTM/CADD File (.dgn format)
 - DTM (.pdf format)
 - Bore Hole Locations
 - Txt File of Bore Hole x,y,z

R. O. W. SURVEYING SERVICES, LLC.

R.O.W. Surveying Services Invoice #: R14-0020

May 29, 2014

TASK	FIRM	% COMPLETE
Phase I – Primary and Secondary Control	ROWSS	98%
Update – All primary and secondary control have been recovered or set. All final control values and sketches have been delivered.		
Phase II – Digital Terrain Model	ROWSS	95%
Update – Field work for DTM has been completed.		
Phase III – Bore Hole Locates	ROWSS	95%
Update – Three point sketches for final deliverable are complete.		
Phase IV – Final Report and Deliverables	ROWSS	95%
Update – Final Report to be delivered by 05/12/2014.		
Project Management and Oversight	ROWSS	95%
Update – Have coordinated meetings with Hidalgo County Drainage District No. 1 and IBWC to recover existing control. Coordinated meetings with L&G to do field visits to review the status of project. Final		

R. O. W. SURVEYING SERVICES, LLC.

R.O.W. Surveying Services Invoice #: R14-0020

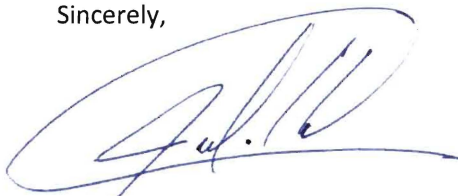
May 29, 2014

FC 150 - Horizontal & Vertical Control, DTM, and Bore Locates	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	Percent Complete
Phase I - Primary & Secondary Control	\$29,508	\$29,014	\$29,014	\$0	\$494	98%
Phase II - Digital Terrain Model	\$62,472	\$59,348	\$58,566	\$782	\$3,124	95%
Phase III - Bore Hole Locates	\$17,420	\$16,549	\$15,721	\$828	\$871	95%
Phase IV - Final Report & Deliverables	\$1,490	\$1,416	\$ 1,118	\$298	\$74	95%
Project Management & Oversight	\$7,440	\$7,068	\$6,820	\$248	\$372	95%
Totals	\$118,330	\$113,395	\$111,239		\$4,935	95.8%
		<i>Total</i>		\$2,156		

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

If you have any questions or need additional information, please contact me at 956-451-2670.

Sincerely,



Julio Cerda, P.E.

Project Summary

Project: Mission Inlet Pilot Channel
Limits: Hidalgo County Main Canal to Main Floodway
County: Hidalgo

ROWSS scope of services to provide Primary and Secondary control points throughout project limits for design and construction purposes from the Mission Inlet Main Canal, East to the Mission Inlet Main Floodway.

ROWSS recovered existing primary IBWC benchmarks for vertical control and NGS stations to verify GPS horizontal values. Real Time Kinematic procedures were used utilizing the Leica RTK Reference Network to verify NGS Horizontal Values and compare benchmarks to ensure NAVD88 values. Control points where double occupied to average GPS readings. Control points are set 5/8" x 3' iron pins with plastic cap stamped "ROWS CONTROL".

Vertical values are NAVD88 and established by digital level loops from project benchmark DEC501, a found chiseled square at concrete rail, located at the Main Irrigation Channel and Military Road Bridge. Values for DEC501 verified to IBWC monument at structure 53-A located approximately 0.4 of a mile West from Jackson Road along the South levee of the Old Mission Floodway.

Horizontal coordinate basis, Texas Coordinate System, South Zone, North American Datum 1983 (NA2011). Horizontal "grid" to "surface" adjustment factor is 1.00004.

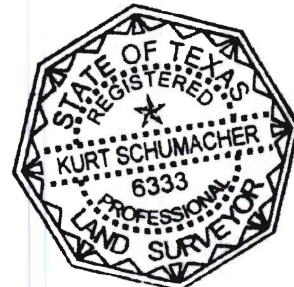
GPS data processed with Leica Geo Office. Level data processed with MicroSurvey Starnet V6.



Kurt Schumacher
Registered Professional Land Surveyor No. 6333

05/09/14

Date



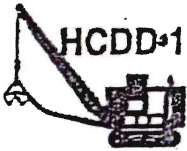
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOUGLASS

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/2/14

Engineer/Firm Name: L&G Engineering

Project Name/Number: WA# 3 Mission Inlet Rec. Proj

Invoice No: # 11324854

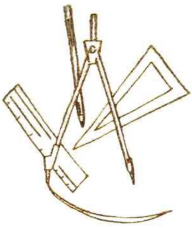
Logged in and Scanned: ASO 6/2/14 By: Rosalice Forwarded to: Norman Reyna

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: _____



May 30, 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 #3 on Mission Inlet Recertification Project

Job #130203
P.O. #623485

Dear Mr. Garza,

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

The following is attached:

- L&G's Invoice #11324854
- CD w/ Electronic Files of Data (Exhibits/Calcs./Models/Misc. Info) for:
 - Task 1 – No Electronic Files Submitted (Management Task)
 - Task 1a (SUB)
 - R.O.W. Surveying Services – Monthly Progress Report and Invoice (#R14-0021) – April 2014

TASK		% COMPL
Task 1 ~ Management & Oversight of Surveying Operation	L&G	95.4%
Update – L&G has actively managed and provided oversight of the surveying operation denoted in Task 1a.		
Task 1a ~ (SUB) Survey – Cross Sections of Channel & Structure Inventory	ROW SS	95.0%
Update – See ROWSS Progress Report & Invoice attached dated May 29, 2013.		

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 Badiozamani, 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#: 11324854
INVOICE DATE: 5/31/2014

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

JUN 02 2014

11:44 AM PM

BY: *Rosalice*

BILL TO:

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

JOB:130203

Mission Inlet Recertification Project
 WA#3
 P.O.#623485

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of May 2014.						
FC 15005 - Task 1 - Management & Oversight of Surveying Oper	12,262.21	10,429.00	1,268.71	11,697.71	95.4	564.50
FC 15050 - Task 1a - SUB-Survey (Cross-Sect of Channel, inte	124,820.00	105,565.00	13,015.00	118,580.00	95.0	6,240.00
TOTALS:	137,082.21	115,994.00	14,283.71	130,277.71	95.0	6,804.50

Rosalice
 PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM \$ 137,082.21
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 137,082.21
 TOTAL COMPLETED TO DATE \$ 130,277.71
 LESS PREVIOUS INVOICES \$ 115,994.00
 CURRENT PAYMENT DUE \$ 14,283.71

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

Project Workhour Report

Mission Inlet Recert. Project WA#3
 Reference:Inv#11324854
 Date: 5/31/2014
 P.O.#623485

	Hrs		Rate	Total
Senior Project Manager	0.00	X	206.39	\$0.00
Senior Engineer	4.00	X	169.97	\$679.88
Design Engineer	4.00	X	109.27	\$437.08
Senior Engineering Technician	2.00	X	75.88	\$151.76

Grand Total of Hours

\$	1,268.72
\$	0.01

(Difference due to rounding hours)

Invoice Summary

Man Hours	\$	1,268.71
Sub Contract <small>(See Attached Sub Invoice for Man Hour Breakdown)</small>	\$	13,015.00
	\$	-

(Difference due to rounding)

Total Per Invoice Submitted

\$	14,283.71
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R. O. W. SURVEYING SERVICES, LLC.

May 29, 2014

Mr. Jacinto Garza, P.E.
 L&G Engineering
 Transportation Consultants
Attn: Reza Badiozzamani, P.E.
 2100 W. Expressway 83
 Mercedes, Texas 78570

Proposal: **Work Authorization #5**
 Mission Inlet Recertification Project
 Limits: United Irrigation Main Canal to Floodway Channel

Dear Mr. Garza:

Attached for your approval is our invoice for services rendered through April, 2014.

- R.O.W. Surveying Services' Invoice #R14-0021
- Work Schedule
- Copy of Field notes provided as requested by Engineer
- Progress Report CD with Electronic Files of completed project was delivered as of 04/10/2014:
 - **Cross Sections/Channel Profile/Bridge and Cross Culvert Inventory**
 - DGN file showing cross-section points along channel
 - DGN file showing cross-section points at intersecting streets
 - DGN file showing all cross-sections and details of bridges, cross-culverts, and other structures crossing main channel.

Task	FIRM	% COMPLETE
Phase I – Cross Sections/Channel Profile/Bridge and Cross Culvert Inventory	ROWSS	95%
Update – Begun project at United Irrigation District Canal at Mission Inlet with cross sections at 1000 foot intervals to the end of the project at the IBWC main floodway. Profile and Cross sections at intersecting streets identifying structures have been completed. Field work for the 500' cross section survey has been completed from 10 th street to the floodway. All of Phase I Scope has been completed.		
Phase II – Final Report and Deliverables	ROWSS	95%
Update – All Deliverables are complete. Report will be completed by 04/10/2014.		
Project Management and Oversight	ROWSS	95%
Update – Have coordinated meetings with Hidalgo County Drainage District No. 1 and IBWC to recover existing control. Coordinated meetings with L&G to do field visits to review the status of project. Project Management has been completed.		

R. O. W. SURVEYING SERVICES, LLC.

R.O.W. Surveying Services Invoice #: R14-0021

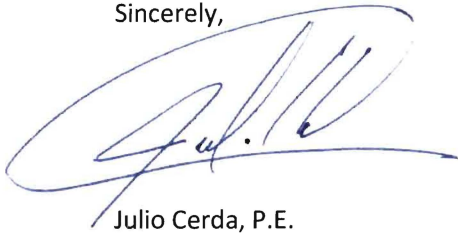
May 29, 2014

FC 150 - Cross Sections/Channel Profile/Bridge and Cross Culvert Inventory	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	Percent Complete
Phase I - Cross Sections/Channel Profile/Bridge and Cross Culvert Inventory	\$103,620	\$98,439	\$87,657	\$10,782	\$5,181	95%
Phase II - Final Report & Deliverables	\$8,550	\$8,123	\$7,168	\$955	\$427	95%
Project Management & Oversight	\$12,650	\$12,018	\$10,740	\$1,278	\$632	95%
Totals	\$124,820	\$118,580	\$105,565		\$6,240	95%
		<i>Total Due</i>		\$13,015		

Make Checks payable to: **R. O. W. Surveying Services**

If you have any questions or need additional information, please contact me at 956-451-2670.

Sincerely,



Julio Cerda, P.E.