



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS
May 25, 2016
9:00 A.M.**

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

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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

1. Approval of check register and payment of claims and bills - County Treasurer

2. AI Discharge Permit
-54700 City of Weslaco- San Jacinto Estates No. 9

3. AI 2012 Bond Referendum
-54740 A. Request approval to pay TEDSI Infrastructure for Invoice No. 20162727 in the amount of \$1,065.00 for the Lower Rio Grande Valley Regional Water Management Program-Legal Rights Services, Work Authorization #12; P.O. No. 623665.

B. Request approval to pay TEDSI Infrastructure for Invoice No. 20152633-A in the amount of \$1,710.20 for the Weslaco North Lateral Control Structure, Professional Services for December 2015, Work Authorization #4B; P.O. No. 623104 and 626348.

C. Request approval to pay TEDSI Infrastructure for Invoice No. 20162726 in the amount of \$16,767.41 for the Lower Rio Grande Valley Regional Water Management Program- Preliminary Engineering Report, Professional Services for the Month of April 2016, Work Authorization #13; P.O. No. 623666, 623958, 625152 & 626144.

4. AI A. Request approval to pay L&G Engineering for Invoice No. 11325554 in the
-54731 amount of \$12,052.40 for the La Joya Watershed Improvement Project US 83
Relief Route- Drainage Outfalls, Work Authorization #2; P.O. No. 622697.

B. Request approval to pay L&G Engineering for Invoice No. 11325635 in the
amount of \$425.16 for the La Joya Watershed Improvement Project Engineering
Services for the Month of April 2016, Work Authorization #5; P.O. No. 625396.

C. Request approval to pay L&G Engineering for Invoice No. 11325612 in the
amount of \$147,427.70 for the Mission Inlet Recertification Project Engineering
Services for the Month of April 2016, Work Authorization #5; P.O. No. 628488.

D. Request approval to pay L&G Engineering for Invoice No. 11325634 in the
amount of \$265.73 for the La Joya Watershed Improvement Project Engineering
Services for the Month of April 2016, Work Authorization #6A; P.O. No. 627201.

E. Request approval to pay L&G Engineering for Invoice No. 11325615 in the
amount of \$31,283.10 for the Pharr McAllen Drain & South Flood Water
Channel Watershed Improvement Project Engineering Services for the Month of
April 2016, Work Authorization #4; P.O. No. 628487.

F. Request approval to pay L&G Engineering for Invoice No. 11325632 in the
amount of \$20,033.64 for the Pharr McAllen Drain & South Flood Water
Channel Watershed Improvement Project Engineering Services for the Month of
April 2016, Work Authorization #5; P.O. No. 629085.
5. AI Request approval to pay Urban Infrastructure for Invoice No. 0416112800 in the
-54736 amount of \$11,194.31 for the Pct. 1 Mile 13 1/2 and 1015 area Drainage
Improvement Project Engineering and Surveying Services for April 2016, Work
Authorization #1 & Work Authorization #2; P.O. No. 628833 & 628828.

AI -54700

2.

DRAINAGE - CONSENT

Meeting Date: 05/25/2016

Submitted Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

For:

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

City of Weslaco- San Jacinto Estates No. 9

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	05/19/2016 10:12 AM
Final Approval	Monica Badillo	05/20/2016 05:11 PM
Form Started By: Esther Layton		Started On: 05/19/2016 08:20 AM
Final Approval Date: 05/20/2016		

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

Applicant: City of Weslaco

Address: 255 South Kansas, Weslaco, Texas 78596

Subdivision Name: San Jacinto Estates No.9

Name of Receiving Ditch: HCCID No.9 Mercedes Lateral

Location or Drainage Area (Furnish Location Map): see attached layout.

X(coordinate): 26° 14' 13" N Y(coordinate): 97° 59' 13" W

(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 22.0 C.F./sec

Number of Acres Developed: 20.15 Size of Pipe: 24" R.C.P.

Size of Box Culvert: _____ Ditch Lateral (size of entrance) sq. ft.: _____

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: _____ 57.65

Flow line Receiving Ditch: 57.65 Top of Water Receiving Ditch: 58.65

Top of Ditch Elevation: 69.83 Top of water of Connecting Ditch Lateral: _____

Head Loss Calculated: 2.9 Formula Used: TxDOT Hydraulic-Nomograph k

Project Engineer: Alfonso Quintanilla, P.E. Quintanilla, Headley & Associates, Inc.
(Engineer's Name) (Firm's Name)

124 E. Stubbs, Edinburg, Texas 78539 (956)381-6480 (956) 381-0527
(Address) (Phone #) (Fax #)

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

[Signature]
(Owner's Signature)

[Signature]
(Mayor's Signature)

(City of)

(Mayor-Print Name)

(Date)

APPROVAL OF IRRIGATION DISTRICT

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

HCCID #9
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 5/16/2016

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

(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this _____ day of _____, 20 ____.

By: _____
(Hidalgo County Drainage District Number One)

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

AI -54740

3.

DRAINAGE - CONSENT

Meeting Date: 05/25/2016

Submitted Lora Briones

Submitted By: Lora Briones, DRAINAGE DISTRICT

For:

Department: DRAINAGE DISTRICT

Information

CAPTION

2012 Bond Referendum

A. Request approval to pay TEDSI Infrastructure for Invoice No. 20162727 in the amount of \$1,065.00 for the Lower Rio Grande Valley Regional Water Management Program-Legal Rights Services, Work Authorization #12; P.O. No. 623665.

B. Request approval to pay TEDSI Infrastructure for Invoice No. 20152633-A in the amount of \$1,710.20 for the Weslaco North Lateral Control Structure, Professional Services for December 2015, Work Authorization #4B; P.O. No. 623104 and 626348.

C. Request approval to pay TEDSI Infrastructure for Invoice No. 20162726 in the amount of \$16,767.41 for the Lower Rio Grande Valley Regional Water Management Program- Preliminary Engineering Report, Professional Services for the Month of April 2016, Work Authorization #13; P.O. No. 623666, 623958, 625152 & 626144.

BACKGROUND

Fiscal Impact

Attachments

[Inv 20162727](#)

[Inv 200152633A](#)

[Inv 20162726](#)

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	05/20/2016 03:43 PM
Final Approval	Monica Badillo	05/20/2016 05:11 PM
Form Started By: Lora Briones		Started On: 05/20/2016 11:05 AM
Final Approval Date: 05/20/2016		



TEDSI INFRASTRUCTURE GROUP

TEDSI
TBPE F-1640

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

May 09, 2016

Project No: 2013-1128-12

Invoice No: 20162727

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

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

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

Professional Services from April 01, 2016 to April 30, 2016

Phase	200	Water Rights - BBS, PC			
Consultants					
Reimbursable Consultants Expense					
4/30/2016	Beatty Bangle Strama, PC	Invoice No. 18996	975.00		
Total Consultants			975.00		975.00
				Total this Phase	\$975.00

Phase	300	Water Rights - BHDA, LLP			
Consultants					
Reimbursable Consultants Expense					
4/30/2016	Bickerstaff Heath Delgado Acosta LLP	Invoice No. 100510	90.00		
Total Consultants			90.00		90.00
				Total this Phase	\$90.00

Billing Summary	Current	Prior	To-Date
Total Billings	1,065.00	186,836.05	187,901.05
Total Fee			206,463.14
Remaining Fee			18,562.09

Total this Invoice \$1,065.00

Outstanding Invoices

Number	Date	Balance
20162698	4/14/2016	1,485.00
Total		1,485.00

Total Now Due \$2,550.00

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

Authorized By:


Mark W. Luper, P.E., RPLS
Executive Vice President

Date:

5.9.16



BBS BEATTY
BANGLE
STRAMA PC

April 29, 2016

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

Invoice No. 18996

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

Professional Services

		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
04/04/16	ELIII Review email correspondence regarding status of TWDB amendment.	0.25	300.00/hr	75.00
04/14/16	ELIII Water Brief	3.00	300.00/hr	900.00
For professional services rendered			3.25	\$975.00

Previous balance \$1,275.00

Balance due \$2,250.00

TEDSI INFRASTRUCTURE GROUP
 2013-1128-12 Project No. Phase No. 200
 Lump Sum Approved Hold
 Hourly Rejected Process
 Sign: *[Signature]* Date: 5/9/16

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

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



Bickerstaff Heath Delgado Acosta LLP

3711 S. Mo-Pac Expy. Building One, Suite 300 Austin, Texas 78746 (512) 472-8021 Fax (512) 320-5638 Tax ID No 74-2153894

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

May 06, 2016
Client: 003978
Matter: 000001
Invoice #: 100510
Bill Atty: DM
Page: 1

RE: Drainage Improvements

For Professional Services Rendered Through April 30, 2016

SERVICES

Date	Person	Description of Services	Hours	
4/19/2016	EWR	Telephone call with D. Li; emails with M. Lupher regarding model.	0.3	
Total Professional Services			0.3	\$90.00

BILLING RECAP

	Level	Hours	Rate	Amount
EWR	Emily Rogers	Partner	0.3	\$300.00
Total Services				\$90.00
Total Current Charges				\$90.00

TEDSI INFRASTRUCTURE GROUP
 Project No. 2013-12812 Phase No. 30
 Lump Sum Approved Hold
 Hourly Rejected Process
 Sign [Signature] Date 5/19/16

PAY THIS AMOUNT

\$90.00



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 5/17/2016

Engineer/Firm Name: TEDSI

Project Name/Number: Weslaco North Lateral Control Structure

Invoice No.: 20152633-A

Purchase Order No.: 623104, 626348

Received By: Maria Perez

Forwarded to: Nora D. Cavazos Date: _____
Claudette Guerrero Date: _____

Total # of Pages Submitted: 1

Attachments: _____

Amount: \$1,710.20

Forwarded to: Jose N. Saldivar Date: _____

Forwarded to: Lora Briones Date: _____

Additional Comments: _____

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 17 2016

2:29 AM (PM)

BY: 



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

Fax: (956) 424-7022

January 27, 2016

Revised: May 13, 2016

Project No: 2013-1128-4B

Invoice No: 20152633-A

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

Project 2013-1128-4B Weslaco North Lateral Control Structure

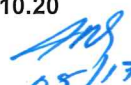
Precinct One 2012 Bond Referendum
P. O. No. 623104; 626348
Account No. 13-133-433-370-010-008-43340
W.A. No. 4B

Professional Services from December 1, 2015 to December 31, 2015

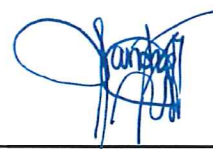
Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
P.O. 623104					
Design	21,436.62	90.00	19,292.96	19,292.96	0.00
Topo	6,445.15	100.00	6,445.15	6,445.15	0.00
Geotechnical	6,039.33	100.00	6,039.33	6,039.33	0.00
P.O. 626348 S.A. No. 2					
Material Testing (TEDSI)	3,127.50	12.95	405.16	0.00	405.16
Material Testing (RABA)	3,267.00	52.19	1,705.03	399.99	1,305.04
Total Fee	40,315.60		33,887.63	32,177.43	1,710.20
Total Fee					1,710.20

Billing Summary

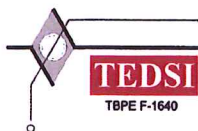
	Current	Prior	To-Date
Total Billings	1,710.20	32,177.43	33,887.63
Total Fee			40,315.60
Remaining Fee			6,427.97
Total this Invoice			\$1,710.20


05/17/16

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

Authorized By: 
Jose A. Sanchez, P.E.
Project Manager

Date: **05-13-2016**



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

Fax: (956) 424-7022

May 09, 2016

Project No:

2013-1128-13

Invoice No:

20162726

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

Project 2013-1128-13 Lower Rio Grande Valley Regional Water Management Program - Preliminary Engineering Report

Precinct No. 1 - 2012 Bond Referendum
P. O. Numbers 623666, 623958, 625152, 626144
Account Number 13-133-433-360-4330-010-000

Professional Services from April 01, 2016 to April 30, 2016

Phase	100	Preliminary Field Surveying				
Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing	
P.O. 623666						
Preliminary Engineering Report	71,922.36	100.00	71,922.36	71,922.36	0.00	
Data Collection	42,610.70	100.00	42,610.70	42,610.70	0.00	
Geographical Information	80,256.16	100.00	80,256.16	80,256.16	0.00	
Hydrologic Analysis Verification	68,952.49	100.00	68,952.49	68,952.49	0.00	
Hydraulic Analysis Verification	68,952.49	100.00	68,952.49	68,952.49	0.00	
H&H Subconsultant - CSE	685,957.00	91.1237	625,069.48	625,069.48	0.00	
Flood Plain Mapping Verification	100,097.80	93.5238	93,615.27	93,615.27	0.00	
Water Treatment & Distribution	161,061.24	100.00	161,061.24	161,061.24	0.00	
Alternate Solutions	70,599.48	67.4104	47,591.39	47,591.39	0.00	
Final Report	150,648.64	69.1457	104,167.06	104,167.06	0.00	
P.O. 623958 – S.A. No. 1						
Field Surveying	9,854.44	45.3286	4,466.88	4,466.88	0.00	
Geotechnical Investigations Report	51,639.65	100.00	51,639.65	51,639.65	0.00	
P.O. 625152 – S.A. No. 2						
WAM Willicy County	163,471.94	100.00	163,471.94	155,298.34	8,173.60	
WAM Hidalgo County	171,876.14	100.00	171,876.14	163,282.33	8,593.81	
P.O. 626144 – S.A. No. 3						
Sub Surface Boring - TEDSI	23,500.00	5.9388	1,395.62	1,395.62	0.00	
Sub Surface Boring - RABA	117,395.00	95.3465	111,932.00	111,932.00	0.00	
Total Fee	2,038,795.53		1,868,980.87	1,852,213.46	16,767.41	
Total Fee					16,767.41	

Total this Phase \$16,767.41

Billing Summary

	Current	Prior	To-Date
Total Billings	16,767.41	1,852,213.46	1,868,980.87
Total Fee			2,038,795.53
Remaining Fee			169,814.66

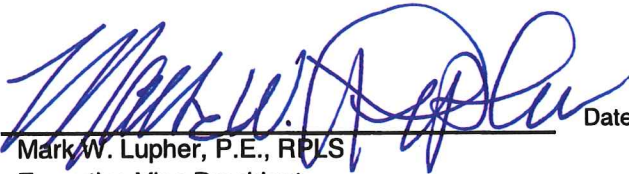
Total this Invoice \$16,767.41

Outstanding Invoices

Number	Date	Balance
20162708-C	4/29/2016	24,232.88
Total		24,232.88

Total Now Due \$41,000.29

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

Authorized By:  Date: 5.9.16
 Mark W. Lupher, P.E., RPLS
 Executive Vice President

AI -54731

4.

DRAINAGE - CONSENT

Meeting Date: 05/25/2016

Submitted Lora Briones

Submitted By: Lora Briones, DRAINAGE
DISTRICT

For:

Department: DRAINAGE DISTRICT

Information

CAPTION

A. Request approval to pay L&G Engineering for Invoice No. 11325554 in the amount of \$12,052.40 for the La Joya Watershed Improvement Project US 83 Relief Route- Drainage Outfalls, Work Authorization #2; P.O. No. 622697.

B. Request approval to pay L&G Engineering for Invoice No. 11325635 in the amount of \$425.16 for the La Joya Watershed Improvement Project Engineering Services for the Month of April 2016, Work Authorization #5; P.O. No. 625396.

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BACKGROUND

Fiscal Impact

Attachments

Inv 11325554

Inv 11325635

Inv 11325612

Inv 11325634

11325632

11325615

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	05/20/2016 04:27 PM
Final Approval	Monica Badillo	05/20/2016 05:11 PM
Form Started By: Lora Briones		Started On: 05/20/2016 09:32 AM
Final Approval Date: 05/20/2016		



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 4/1/2016

Engineer/Firm Name: L&G Engineering

Project Name/Number: WA No. 2 La Joya Watershed

Invoice No.: 11325554

Purchase Order No.: 622697

Received By: Rosa Arce

Forwarded to: Nora D. Cavazos _____ Date: _____
Claudette Guerrero _____ Date: _____

Total # of Pages Submitted: 8

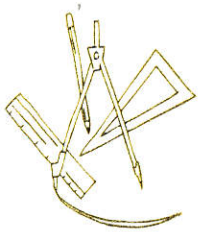
Attachments: CD

Amount: \$12,052.40

Forwarded to: Jose N. Saldivar _____ Date: _____

Forwarded to: Lora Briones _____ Date: _____

Additional Comments: _____



April 1, 2016

Mr. Raul E. 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 #2 on La Joya Watershed Improvement Project
US 83 Relief Route – Drainage Outfalls**

Job #130102

P.O. #622697

Dear Mr. Sesin,

We are submitting a monthly progress report in sufficient detail to support the progress of the work and in support of a request for payment. Attached for your approval is our FINAL invoice for services rendered during the month of March 2016.

The following is attached:

- L & G's Invoice
- Sub Invoice
- Final Waiver and Lien Release
- Exhibit C – Work Schedule
- CD Attached

Work Authorization#2

FC 110 – ROUTE AND DESIGN STUDIES		% Complete
Task 1 – 11001 - Schematic for Outfall (Roll 1 of 2 & Roll 2 of 2)	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 7 – 11002 - Design Surveys Coordination & Review (Provided by TxDOT)	L&G	100%
Task Completed - See progress report dated (4-1-2015)		
Task 10 – 11003 - PS&E Development for Needed Outfalls & Structural Crossings	L&G	100%
Task Completed - See progress report dated (5-1-2015)		
Task 10a – 11050 - Sub PS&E Development for Needed Outfalls & Structural Crossings	CSE	100%
Task Completed - See progress report dated (6-1-2015)		

Task 9 – 11040 - Geotechnical Engineering, Testing, & Report	L&G Lab	100%
Task Completed – See progress Report Date (9-3-13).		
FC 120 – PUBLIC INVOLVEMENT		
Task 5 – 12001 - Support to HCDD#1 & TxDOT on Project Development	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 6 – 12002 - Public Involvement for Vetting of Location of Outfall with Affected Land Owners	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
FC 130 – RIGHT-OF-WAY DATA		
Task 2 – 13001 - Office Surveys for Schematic (Preliminary Ownership Identification and Property Rights)	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 8 – 13002 - ROW Map Coordination & Review (Provided by TxDOT)	L&G	100%
Task Completed - See progress report dated (4-1-2015)		
FC 161 – HYDROLOGY		
Task 3 – 16101 - Hydrologic Map	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 4 – 16102 - Hydraulic Analysis for Proposed Outfall and Structure Sizing	L&G	100%
Task Completed – See Progress Report Dated (7-1-13)		
Task 4a – 16120 - Sub-Drainage Analysis and Report for DA#4	CSE	100%
Civil Systems Engineering, Inc. (CSE) submitted the final signed report to L&G Engineering. The report summarizes findings of the drainage study for DA4 drainage area for the La Joya Relief Route Project. See CSE invoice and report included in this submittal. This task is complete.		
FC 163 – BID ASSISTANCE		
Task 11 – 16301 – Develop Plan Sheet Package to be inserted into TxDOT’s set of Plans with Gen Notes and Specs to be bid in Austin	L&G	100%
Task Completed – See Progress Report Dated (5-01-15)		
Direct Expenses	L&G	100%
Task Completed - See progress report dated (6-1-2015)		

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,

Handwritten signature in blue ink, reading "Armando J. Sandoval, P.E."

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

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

INVOICE#: 11325554
INVOICE DATE: 3/31/2016

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

APR 01 2016
10:33 AM
BY: *lw*

JOB:130102
La Joya Relief Route Analysis
WA#2
P.O.#622697

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 March 2016.						
FC 110 - ROUTE AND DESIGN STUDIES						
TASK 1 - 11001 - Schem. for Outfall (Roll 1 of 2 & Roll 2 of 2)Su	62,619.67	62,619.67		62,619.67	100.0	-
TASK 7 - 11002 - Design Surveys Coord. & Review (Provided by TxD	4,516.46	4,516.46		4,516.46	100.0	-
TASK 10 -11003 - PS&E Devel. For needed Outfalls & Struct. Crossi	292,071.63	292,071.63		292,071.63	100.0	-
TASK 10a-11050 - SUB-PS&E Devel. Needed Outfalls & Struct. Crossi	28,870.00	28,870.00		28,870.00	100.0	-
TASK 9 - 11040 - SUB - Geotech. Eng., Testing & Report	64,938.06	64,938.06		64,938.06	100.0	-
	<u>453,015.82</u>	<u>453,015.82</u>	0.00	<u>453,015.82</u>		-
FC 120 - PUBLIC INVOLVEMENT						
TASK 5 - 12001 - Supp. to HCDD & TxDOT on Proj. Devel.	14,374.52	14,374.52		14,374.52	100.0	-
TASK 6 - 12002 - Pub. Inv. On Vetting of location of Outfall	7,830.66	7,830.66		7,830.66	100.0	-
	<u>22,205.18</u>	<u>22,205.18</u>	0.00	<u>22,205.18</u>		-
FC 130 - RIGHT-OF-WAY DATA						
TASK 2 - 13001 - Off. Surv. For Schematic (Pre. Ownership I.D. &	10,210.31	10,210.31		10,210.31	100.0	-
TASK 8 - 13002 - ROW Map Coord. & Review(Provided by TxDOT)	10,629.20	10,629.20		10,629.20	100.0	-
	<u>20,839.51</u>	<u>20,839.51</u>	0.00	<u>20,839.51</u>		-
FC 161 - HYDROLOGY						
TASK 3 - 16101 - Hydrologic Map	22,885.56	22,885.56		22,885.56	100.0	-
TASK 4 - 16102 - Hydo. Analysis for prop. Outfall and Struct. Siz	12,286.64	12,286.64		12,286.64	100.0	-
TASK 4a -16120 - SUB-Drain. Analysis and Report for DA#4	23,440.00	11,387.60	12,052.40	23,440.00	100.0	-
	<u>58,612.20</u>	<u>46,559.80</u>	<u>12,052.40</u>	<u>58,612.20</u>		-
FC 163 - BID ASSISTANCE						
TASK 11 - 16301 - Devel. Plan Sheet to be insert. Into	22,976.56	22,976.56		22,976.56	100.0	-
TxDOT set of plans with Gen. notes & Specs to be bid	22,976.56	22,976.56	0.00	22,976.56		-
DIRECT EXPENSES	<u>8,000.00</u>	<u>8,000.00</u>		<u>8,000.00</u>	100.0	-
	<u>8,000.00</u>	<u>8,000.00</u>	0.00	<u>8,000.00</u>		-
TOTALS:	<u><u>585,649.27</u></u>	<u><u>573,596.87</u></u>	<u><u>12,052.40</u></u>	<u><u>585,649.27</u></u>	100.0	<u><u>-</u></u>

ORIGINAL CONTRACT SUM \$ 585,649.27
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 585,649.27
TOTAL COMPLETED TO DATE \$ 585,649.27
LESS PREVIOUS INVOICES \$ 573,596.87

PROJECT MANAGER'S SIGNATURE

ajp

CURRENT PAYMENT DUE \$ 12,052.40



**Civil Systems
Engineering, Inc.**

1202 Lake Pointe Parkway
Sugar Land, Texas 77478
(713) 782-3811

INVOICE

Engineering Services

La Joya Watershed Project - Relief Route DA4 Drainage Analysis (Work Authorization No. 4)

L&G Engineering
2100 W. Expressway 83
Mercedes, Texas 78570
Attention: Mr. Damien B. Tijerina, P.E.

CSE Invoice Number: LG201601
CSE Project Number: LG201304
Invoice Period: 1/26/2016 Through 3/25/2016
Invoice Date: March 1, 2016
P.O. No.

Contract Amount	Contract Amount Remaining		Employee Classification	Rate	Previous		This Period		To Date	
		\$0.00			Hr	Total	Hr	Total	Hr	Total
\$23,440.00			Project Manager	\$178.36	10.0	\$1,783.60	10	\$1,783.60	20	\$3,567.20
			Project Engineer	\$164.64	50.0	\$8,232.00	50	\$8,232.00	100	\$16,464.00
			GIS Specialist	\$137.20	10.0	\$1,372.00	15	\$2,036.80	25	\$3,408.80
			Subtotal			\$11,387.60		\$12,052.40		\$23,440.00
TOTAL FEE EARNED: \$23,440.00 LESS PREVIOUSLY INVOICED: \$11,387.60 TOTAL AMOUNT DUE THIS INVOICE: \$12,052.40										

Deren Li

Deren Li, Ph.D., P.E., D.WRE
Project Manager

D.S.F.

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

Project Workhour Report

La Joya Watershed Improvements WA#2

Reference: Inv#11325554

Date: 03/31/2016

P.O.#622697

	Hrs		Rate	Total
Senior Project Manager	0.00	X	206.39	\$0.00
Senior Engineer	0.00	X	169.97	\$0.00
Design Engineer	0.00	X	109.27	\$0.00
Senior Engineer Tech	0.00	X	75.88	\$0.00
ROW Administrator	0.00	X	103.20	\$0.00
Admin/Clerical	0.00	X	54.63	\$0.00

Grand Total of Hours

\$ -

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours

\$ -

Sub Contract

\$ 12,052.40

(See Attached Sub Invoice for Man Hour Breakdown)

Direct Expenses

Current
Units

Rate

20 ft. Long by 3 ft. Tall Hydrologic Map & Schematic (60 Sq Ft) @ \$5.00/sq. ft.

0 X 300.00 \$ -

10 Sets of Plans and Geo Report - As per contract requirements

0 X 500.00 \$ -

11 x 17 Copies (i.e. various Exhibits) - (500 units)

0 X 1.50 \$ -

\$ -

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 12,052.40

L&G Consulting Engineers INC
2100 W. Expressway 83
Mercedes, TX 78570
956-565-9813 fax 956-565-9018

FINAL WAIVER AND LIEN RELEASE

DATE: 03/31/2016
PROJECT: WA #2 La Joya Watershed Improvement Project. PO #622697
OWNER: HCDD #1
FINAL PAYMENT: \$12,052.40

UPON RECEIPT OF THIS PAYMENT, Owner does hereby certify and acknowledge that Subcontractor has been fully paid for all work and labor done by Owner and for all materials and services supplied by Subcontractor on the above project and that this payment, which includes all retainage released to the Subcontractor, represents the FINAL AND COMPLETE payment for work and/or labor done and all materials and services supplied on the above described project.

The undersigned hereby further certifies: There are no known mechanics, materialmen's, or laborer's liens or claims or any other liens or claims, legal or equitable, contractual, statutory, or constitutional, outstanding or known to exist as of the date referenced above and if any should arise in the future, the undersigned agrees to indemnify and hold the Owner and Contractor harmless from any and all such liens or claims, including attorney's fees and expenses; all due and payable bills with respect to the real property referenced above have been paid to date or are included in the amount requested in the current application and will be paid from this payment, and there is no known basis for the filing of any mechanics', materialman's, or laborer's lien or claim, or any other lien or claim, legal or equitable, contractual, statutory, or constitutional, on the real property referenced above. Subcontractor certifies that all waivers and releases from all subcontractors, laborers, and material men for work done and materials furnished have been obtained in such form as to constitute an effective waiver and release of all such liens under the Laws of the State of Texas.

SUBCONTRACTOR SWEARS THAT, WITH RECEIPT OF THE PAYMENT ASSOCIATED WITH THIS LIEN RELEASE, ALL OUTSTANDING BILLS ASSOCIATED WITH THIS LIEN RELEASE WILL BE PAID AT THIS TIME. FURTHER, SUBCONTRACTOR ACKNOWLEDGES THAT ALL FUNDS RECEIVED, TO THE APPROPRIATE AMOUNT, ARE RECEIVED IN TRUST FOR ALL SUBCONTRACTORS/SUPPLIERS THAT ARE OWED FUNDS BY HIM ON THIS PROJECT. SUBCONTRACTOR AGREES TO INDEMNIFY ANY PARTY RELYING UPON THIS AFFIDAVIT FOR ANY LOSS OR EXPENSE RESULTING FROM FALSE OR INCORRECT STATEMENTS IN THIS AFFIDAVIT.

UPON RECEIPT OF THIS PAYMENT, Subcontractor hereby releases in full all claims and liens Subcontractor has heretofore filed, if any, on such property for such work and/or material. Subcontractor hereby waives all rights, claims and liens on this project forever for such work done and all materials supplied by Subcontractor.

L&G CONSULTING ENGINEERS, INC

Marisela G. Marin

3/31/2016

Signature

Date

Printed Name/Title Marisela G. Marin Sec./Treasurer

STATE OF TEXAS
COUNTY OF HIDLAGO

KNOW ALL MEN BY THESE PRESENTS:

Before me, the undersigned authority, on this day personally appeared Marisela G. Marin,
the Sec./Treasurer (title) of L&G Consulting Engineers, Inc,

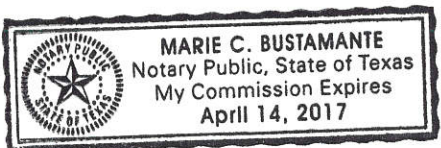
known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes therein expressed and in the capacity therein stated.

Marie C. Bustamante

NOTARY PUBLIC in and for
THE STATE OF TEXAS

Printed Name: Marie C. Bustamante

My Commission Expires: April 14, 2017

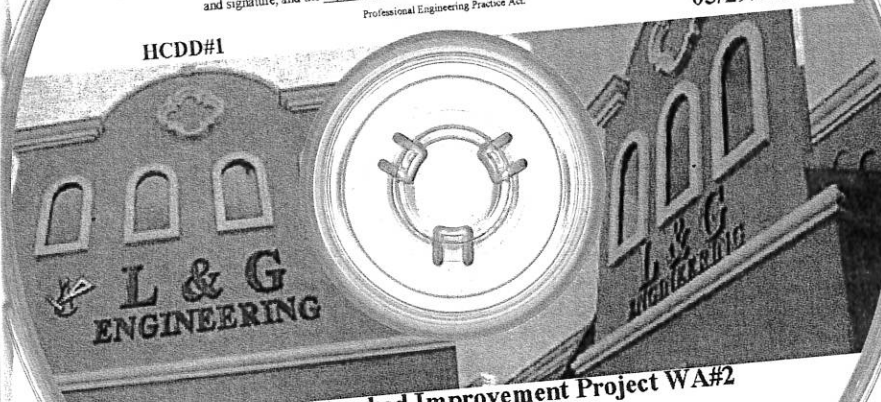


L & G Engineering Electronic Data & CAD Disclaimer

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.

03/29/2016

HCDD#1



La Joya Watershed Improvement Project WA#2
Task 4A

L & G Engineering	300 S. Stewart Rd. Ste 5
Highway / Civil	Mission, TX, 79572
Structural / Bridge	Phone : (956) 585-1909
Environmental	Fax : (956) 585-1927
Construction Material Testing	



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 5/5/2016

Engineer/Firm Name: L&G Engineering

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

Invoice No.: 11325635

Purchase Order No.: 626943

Received By: Maria Perez

Forwarded to: Nora D. Cavazos Date: _____
Claudette Guerrero Date: _____

Total # of Pages Submitted: 6

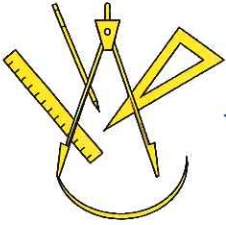
Attachments: CD

Amount: \$425.16

Forwarded to: Jose N. Saldivar Date: _____

Forwarded to: Lora Briones Date: _____

Additional Comments: _____



L&G Engineering

Transportation Consultants

May 2, 2016

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

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 05 2016

3:00 AM/PM

BY: *[Signature]*

RE: Work Authorization #5 on La Joya Watershed Improvement Project

Job #130105

P.O. #626943

Invoice # 11325635

Dear Mr. Sesin,

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

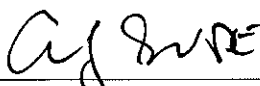
CROSS CULVERTS		% Complete
16101 - Task 1-Drainage area maps - existing conditions/proposed improvements	L&G	100%
Task is complete – see progress report dated 06-01-2015		
16102 - Task 2-Hydologic data/discharge determination	L&G	100%
Task is complete – see progress report dated 06-01-2015		
16103 - Task 3-Design Wier of Siphon to circumvent existing HP Gas Lines	L&G	79.2%
L&G Engineering has written a letter on behalf of the County, requesting that TxDOT (Texas Department of Transportation) allow the outfall parcels be bought in the name of the state. By doing this the state would then be responsible for all compensable utilities located along the outfall ditch. If TxDOT does not agree to accept the outfall parcels in the name of the state, an alternate design is being looked at to avoid impacting the 5 compensable utilities (gas lines) located on the outfall ditch. A siphon is being looked at that would go underneath all 5 compensable gas lines thus eliminating the need for any of the utilities being adjusted. No Invoice		
16104 - Task 4-Culverts Layouts	L&G	100%
Task is complete – see progress report dated 06-01-2015		

16105 - Task 5-Determine Impact - Proposed Drainage Plan	L&G	100%
Task is complete – see progress report dated 06-01-2015		
16106 - Task 6-Determine and Identify the utility adjustments for the cross-culvert in cord with TxDOT	L&G	100%
Task is complete – see progress report dated 06-01-2015		
16107 - Task 7-Summary of Quantities	L&G	100%
Task is complete – see progress report dated 06-01-2015		
16108 - Task 8-Specifications, General Notes and Standards for inclusion in TxDOT Plans	L&G	100%
Task is complete – see progress report dated 06-01-2015		
COMPENSABLE UTILITIES		
61001 - Task 9-Preliminary Design Consultations	L&G	100%
Task is complete – see progress report dated 10-01-2015		
61002 - Task 10-Field Observations and Verifications	L&G	100%
Task is complete – see progress report dated 06-01-2015		
61003 - Task 11-Exchange of Information with Utility Providers	L&G	100%
Work on an additional design to mitigate the impact to the five gas lines that are crossing the proposed outfall ditch, is on going. L&G has expressed to the gas lines that there is a possibility that a new design will be sent to the utility companies in the near future, for them to review/comment on/approve. No Invoice.		
61004 - Task 12-Confirmation of Property Interests	L&G	60%
Met with Enterprise Products, 12-01-15. Made contact with District for progress on agenda items, 12-03-15. Contact with Hilcorp, 12-10-15. Contact with Energy Transfer, 12-11-15, 12-14-15, 12-16-15. Contact with Kinder-Morgan, 12-14-15. Contact with NuStar, 12-14-15, 12-15-15. NO UPDATE.		
61005 - Task 13-Develop and execute release of Easements	L&G	0%
This task is ongoing.		
61006 - Task 14-Coordination and Development of Joint Use Agreements	L&G	0%
This task is ongoing.		
61007 - Task 15-Utility meetings throughout project development	L&G	75%
L&G staff coordinated to finalize response letter to TXDOT dated April 11, 2016.		

Attended monthly TXDOT utility meeting.		
RIGHT-OF-WAY ACQUISITION		
60000 - ROW Acquisition Administration	L&G	94.7%
Project presence has been established at 900 S. Stewart Road in Mission, Texas 78572 @ L&G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project. One staff member is a current commissioned notary. Appraisals are complete and have been submitted to the review appraiser. The title commitments continue to be worked on. Negotiations should start in December. No Invoice.		
60001 - Title Services	L&G	100%
This task is now complete.		
60002 - Appraisal Services	L&G	100%
This task is now complete.		
60030 - Appraisal Services / SUB	LGA	100%
This task is now complete.		
60003 - Appraisal Review	L&G	100%
This task is now complete.		
60040 - Appraisal Review / SUB	HLH	100%
This task is now complete.		
60004 - Parcel Negotiations	L&G	0%
NO UPDATE: This task has not begun yet.		
60005 - Closing Service Fees	L&G	0%
NO UPDATE: This task has not begun yet.		

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

Sincerely,



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

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

INVOICE#: 11325635
INVOICE DATE: 4/30/2016

BILL TO:

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

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 05 2016

3:00 AM/PM

BY: MAP

JOB:130105

La Joya Watershed Imp
WA#5
PO #625396

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2016.						
16101 - Task 1-Drainage area maps - existing conditions/propose	6,827.76	6,827.76		6,827.76	100.0	-
16102 - Task 2-Hydologic data/discharge determination	4,426.80	4,426.80		4,426.80	100.0	-
16103 - Task 3-Design Wier of Siphon to circumvent existing HP (17,894.72	14,171.34		14,171.34	79.2	3,723.38
16104 - Task 4-Culverts Layouts	6,527.64	6,527.64		6,527.64	100.0	-
16105 - Task 5-Determine Impact - Proposed Drainage Plan	3,301.36	3,301.36		3,301.36	100.0	-
16106 - Task 6-Determine and Identify the utility adjustments for tr	12,529.92	12,529.92		12,529.92	100.0	-
16107 - Task 7-Summary of Quantities	3,901.60	3,901.60		3,901.60	100.0	-
16108 - Task 8-Specifications, General Notes and Standards for i	9,341.40	9,341.40		9,341.40	100.0	-
61001 - Task 9-Preliminary Design Consultations	7,502.80	7,502.80		7,502.80	100.0	-
61002 - Task 10-Field Observations and Verifications	9,628.60	9,628.60		9,628.60	100.0	-
61003 - Task 11-Exchange of Information with Utility Providers	15,005.60	15,005.60		15,005.60	100.0	-
61004 - Task 12-Confirmation of Property Interests	15,005.60	9,003.36		9,003.36	60.0	6,002.24
61005 - Task 13-Develop and execute release of Easements	20,638.97			0.00	0.0	20,638.97
61006 - Task 14-Coordination and Development of Joint Use Agre	10,754.00			0.00	0.0	10,754.00
61007 - Task 15-Utility meetings throughout project development	8,503.20	5,952.24	425.16	6,377.40	75.0	2,125.80
60000 - ROW Acquisition Administration	35,700.00	33,807.90		33,807.90	94.7	1,892.10
60001 - Title Services	3,600.00	3,600.00		3,600.00	100.0	-
60002 - Appraisal Services	3,000.00	3,000.00		3,000.00	100.0	-
60030-Appraisal Services / SUB	13,500.00	13,500.00		13,500.00	100.0	-
60003 - Appraisal Review	2,100.00	2,100.00		2,100.00	100.0	-
60040 - Appraisal Review / SUB	2,700.00	2,700.00		2,700.00	100.0	-
60004 - Parcel Negotiations	21,000.00			0.00	0.0	21,000.00
60005 - Closing Service Fees	1,200.00			0.00	0.0	1,200.00
TOTALS:	234,589.97	166,828.32	425.16	167,253.48	71.3	67,336.49

ORIGINAL CONTRACT SUM \$ 234,589.97
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 234,589.97
TOTAL COMPLETED TO DATE \$ 167,253.48
LESS PREVIOUS INVOICES \$ 166,828.32

CURRENT PAYMENT DUE \$ 425.16

PROJECT MANAGER'S SIGNATURE

Ag MFC



L&G Engineering

Transportation Consulting Engineers

2100 W. Expressway 83 Mercedes, TX 78570
Phone: (956) 565-9813 Fax: (956) 565-9018
Toll Free: (888) 565-9813 Firm No. F-4105
900 S. Stewart Rd., Ste. 10 Mission, TX 78572
Phone: (956) 585-1909 Fax: (956) 585-1927
Toll Free: (866) 585-1909

Letter of Transmittal

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

DATE:
May 3, 2016

REF.: Work Authorization #5 on La Joya Watershed Improvement Project
P.O. #626943

L&G PROJECT NO.:
130105

TRANSMITTED:

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

VIA:


- | | | |
|----------------------------------|---|--|
| <input type="checkbox"/> US Mail | <input type="checkbox"/> Courier | <input checked="" type="checkbox"/> Hand Carry |
| <input type="checkbox"/> E-Mail | <input type="checkbox"/> Lonestar Overnight | <input type="checkbox"/> Pick up |

COPIES	DESCRIPTION


REMARKS:
Attached is our invoice and progress report for the month of April.

If you have any questions or comments, please feel free to contact me or Mr. Damien B. Tijerina, P.E. at 956-585-1909.

Thank you,


Armando J. Sandoval, P.E.
Project Manager

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1
MAY 05 2016
3:00 AM (PM)
BY: 

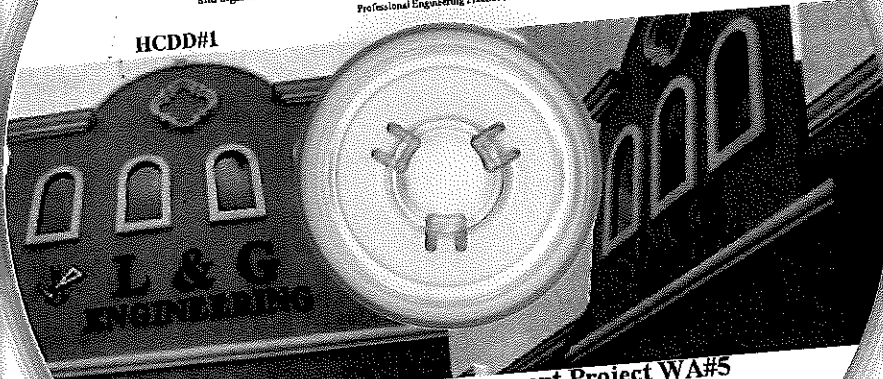

Received By
5/5/16
1:46pm

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.

5/3/2016

HCDD#1



**La Joya Watershed Improvement Project WA#5
Task #15**

L & G Engineering

Highway / Civil
Structural / Bridge
Environmental
Construction Material Testing

900 S. Stewart Rd. Ste 5
Mission, TX. 79572
Phone : (956) 585-1909
Fax : (956) 585-1527



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received:

5/4/2016

Engineer/Firm Name:

L & G ENGINEERING

Project Name/Number:

Mission Inlet Recertification Project

Invoice No.:

11325612

Purchase Order No.:

628488

Received By:

Maria Perez

Forwarded to:

Nora D. Cavazos
Claudette Guerrero

Date: _____

Date: _____

Total # of Pages Submitted:

7

Attachments:

CD

Amount:

\$147,427.70

Forwarded to:

Jose N. Saldivar

Date: _____

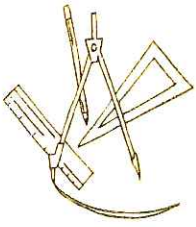
Forwarded to:

Lora Briones

Date: _____

Additional Comments:

THIS ROUTING SLIP MUST BE KEPT WITH ORIGINAL INVOICE



May 2, 2016

Mr. Raul Segin, P.E. – District Manager

Hidalgo County Drainage District #1

902 N. Doolittle

Edinburg, Texas 78542

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016

11:20 AM / PM

BY: *[Signature]*

RE: Mission Inlet Recertification Project

Work Authorization #5 – PS&E, Design Survey, Geotechnical

Job # 130205

P.O. # 628488

Dear Mr. Segin,

Attached for your review and approval is our invoice for the services rendered during the month of April 2016 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325612
- CD w/ Electronic Files of Data for:
 - FC 11003, 12002, 12003 & 33001

TASK		% COMPL
Mission Inlet Recertification Project		
FC 11003 ~ PS&E Development	L&G	20.0%
Update – PS&E development ongoing including: typical sections, location maps, P&P sheets, Junction Sheets, drainage area map (DAM), and FEMA Composite Floodzone Layouts sheets.		
FC 12002 ~ Outreach/Presentations with Major Stakeholders (i.e. City of Mission, City of McAllen, McAllen Airport, etc.)	L&G	15.0%
Update – L&G assisted HCDD #1 in a project presentation for City of McAllen & McAllen Airport to be held on April 11, 2016. In addition, various informal coordination/correspondence has been held with stakeholders.		
FC 12003 ~ Meetings & Coordination with HCDD#1, County, FEMA & IBWC	L&G	15.0%
Update – L&G has been held informal coordination with HCDD #1 and County discussing project status and general details. L&G has coordinated with HCDD#1 to prepare all needed information for the presentation to stakeholders.		
FC 15001 ~ Coordination & Management of Surveyor	L&G	0.0%
No Update – Task Not Started		

FC 15010 ~ SUB – Design Survey	ROW SS	0.0%
No Update – Task Not Started		
FC 33001 ~ SUB – Geotechnical Engineering	L&G LAB	90.0%
Update – See progress report from L&G Lab dated April 30, 2016.		

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#: 11325612
INVOICE DATE: 4/30/2016

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 03 2016

11:20 AM / PM

BY: MJP

JOB:130205
 Mission Inlet Recertification Project
 WA#5 P.O.#628488

BILL TO: 87
 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 April 2016.						
FC 11003 - PS&E Development - 7.25% Construction Cost	1,042,906.33	104,290.63	104,290.63	208,581.26	20.0	834,325.07
FC 12002 - Outreach/Presentations with Major Stakeholders	19,995.83	2,000.83	1,000.41	3,001.24	15.0	16,994.59
FC 12003 - Meetings & Coordination with HCDD#1, County, FEMA }	59,349.71	5,939.99	2,951.22	8,891.21	15.0	50,458.50
FC 15001 - Coordination & Management of Surveyor	5,014.62			0.00	0.0	5,014.62
FC 15010 - SUB - Design Survey	50,010.00			0.00	0.0	50,010.00
FC 33001 - Geotechnical Engineering / SUB	110,206.04	60,000.00	39,185.44	99,185.44	90.0	11,020.60
	<u>1,287,482.53</u>	<u>172,231.45</u>	<u>147,427.70</u>	<u>319,659.15</u>	<u>24.8</u>	<u>967,823.38</u>

ORIGINAL CONTRACT SUM	\$	1,287,482.53
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	1,287,482.53
TOTAL COMPLETED TO DATE	\$	319,659.15
LESS PREVIOUS INVOICES	\$	172,231.45
CURRENT PAYMENT DUE	\$	147,427.70


 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#5
 Reference: Inv# 11325612
 Date: 04/30/2016
 P.O.#628488

	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	9.00	X	112.55	\$1,012.95
Admin/Clerical	6.00	X	56.27	\$337.62

Grand Total of Hours

\$ 3,951.63

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours	\$ 3,951.63
PS&E Development - 7.25% of Construction Cost	\$ 104,290.63
Sub Contract	\$ -
Geotechnical Engineering	\$ 39,185.44

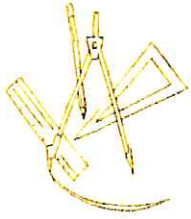
(See Attached Sub Invoice for Man Hour Breakdown)

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 147,427.70



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

April 29, 2016

Mr. Jacinto Garza, P.E.
President - L&G Engineering
2100 W. Expressway 83
Mercedes, Texas 78570

**RE: Geotechnical Drilling, Testing, & Engineering
Mission Inlet FEMA Re-Evaluation (Additional Geo for PS&E) – April 2016 Invoice**

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered during the month of April 2016 on the subject referenced project.

The following is attached:

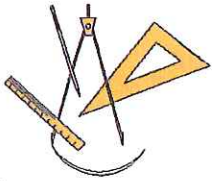
- L & G Lab's Invoice #9136
- Electronic Back-Up – Draft Boring Logs, Drilling Logs, Lab Testing Info

TASK		% COMPL
FC10208 – FOUNDATION STUDIES	L&G Lab	74.8%
Update – L&G Lab has substantially completed all analyses for the investigation. L&G Lab has created a 90% Complete Geotechnical Report.		
FC10209 – FOUNDATION MATERIAL TESTING	L&G Lab	100%
Update – L&G Lab has completed the drilling of the borings required for this project. Lab testing of the soil samples is complete. Boring Logs have been created and are included in 90% Complete Mission Inlet Geotechnical Report.		

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

Sincerely,

Ricardo A. Gil
General Manager
L&G Engineering Laboratory, LLC



L & G Engineering Laboratory, LLC Invoice

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

Date	4/29/2016
Invoice #	9136

Bill To
L&G Engineering 2100 W. Exp 83 Mercedes, Tx 78570

Ship To
Mission Inlet FEMA Re-Evaluation (Add'l Geo for PS&E) Div. IV Geotechnical Drilling, Testing, & Engineering

Job #	Due Date
GL130205	5/10/2016

Description	% Complete	Neg. Amt	Prev. Invoiced	Inv. To Date	Amount Due
Foundation Studies	74.78%	43,702.76			32,682.16
Foundation Mtls. Testing	100.00%	66,503.28	60,000.00		6,503.28

L&G Engineering Laboratory appreciates the opportunity to serve your material testing needs.

Total	\$39,185.44
Payments/Credits	\$0.00
Balance Due	\$39,185.44



L&G Engineering
Transportation Consulting Engineers

2100 W. Expressway 93 Mercedes, TX 78570
Phone: (956) 565-9813
Fax: (956) 565-9018
Toll Free: (888) 565-9813
Firm No. F-4105

900 S. Stewart Rd., Ste. 10 Mission, TX 78572
Phone: (956) 585-1909
Fax: (956) 585-1927
Toll Free: (866) 585-1909

Letter of Transmittal

Mr. Raul Sesin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle Rd.
Edinburg, Texas 78542

DATE:
May 2, 2016

Project: Progress Report & Invoice Package for Various Work Authorizations
✓ Pharr McAllen Drain & South Floodwater Channel Watershed Improvement Project 2
✓ Mission Inlet Recertification Project 1

L&G PROJECT NO.:

TRANSMITTED:

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

VIA:

<input type="checkbox"/> US Mail	<input type="checkbox"/> Courier	<input checked="" type="checkbox"/> Hand Carry
<input type="checkbox"/> E-Mail	<input type="checkbox"/> Lonestar Overnight	<input type="checkbox"/> Pick up

COPIES	DESCRIPTION
1	Progress Report and Invoice Package (including CD w/Electronic Files) for the following Project:
	<ul style="list-style-type: none"> • Work Authorization #4 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #628487, Invoice #11325615 • Work Authorization #5 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #629085, Invoice #11325632 (FINAL) <ul style="list-style-type: none"> ▪ 1 Original, 3 Copies of Geotechnical Report • Work Authorization #5 on Mission Inlet Recertification Project ✓ <ul style="list-style-type: none"> ○ P.O. #628488, Invoice #11325612 CD

REMARKS:

If you have any questions or comments, please feel free to contact me, Mr. David Saenz, P.E. at (956) 585-1909.

Thank you,

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016
11:20 AM / PM
BY:

Received By: _____

Date: _____ Time: _____

**Mission Inlet
Recertification Project
Work Authorization #5**

**L & G
ENGINEERING**

**Invoice #
11325612**

HCDD#1

4/30/2016

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.



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received:

5/5/2016

Engineer/Firm Name:

L&G Engineering

Project Name/Number:

La Joya Watershed Improvement Project WA No.6A

Invoice No.:

11325634

Purchase Order No.:

626941

Received By:

Maria Perez

Forwarded to:

Nora D. Cavazos
Claudette Guerrero

Date:

Date:

Total # of Pages Submitted:

11

Attachments:

CD

Amount:

\$265.73

Forwarded to:

Jose N. Saldivar

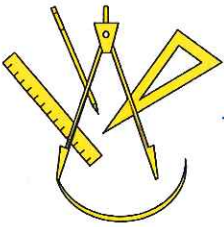
Date:

Forwarded to:

Lora Briones

Date:

Additional Comments:



L&G Engineering

Transportation Consultants

May 2, 2016

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 05 2016

3:00 AM/PM

BY: *MAP*

Mr. Raul Sesin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle
Edinburg, Texas 78542

RE: Work Authorization #6A on La Joya Watershed Improvement Project

Job # 130106

P.O. # 626941

Invoice # 11325634

Dear Mr. Sesin,

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

The following is attached:

- L & G's Invoice
- CD w/ Electronic Files of Data

		% COMPL
TASK #1 – FC 102 – Feasibility Studies		
FC 10201 ~ Preliminary Design Values	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10202 ~ Preliminary Route Location on Uncontrolled Mapping	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10203 ~ Uncontrolled Mapping	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10204 ~ Preliminary Hydrologic Map	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10205~ Preliminary ROW Requirements	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10206~ Preliminary Cost Estimates	L&G	100%
Task is complete – See progress report dated 06-10-2015		

FC 10207 ~ Preliminary Environmental Analysis	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10208 ~ Project Fact Sheet with Est. Local Cost vs. Total Project Cost	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 10209 ~ Meetings, Coordination & Support for Project Development	L&G	100%
Task is complete – See progress report dated 06-10-2015		
TASK #2 – FC 110 – Route and Design Studies		
FC 11004 ~ Preliminary Cost Estimates	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 11005 ~ Design Schematic	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 11006 ~ Preliminary ROW Requirements	L&G	100%
Task is complete – See progress report dated 06-10-2015		
TASK #3 - FC 130 – Right-of-Way Data		
FC 13008 ~ Coordination and Management of Right-of-Way Data (FC 130) and Field Surveying (FC 150)	L&G	85%
L&G Engineering has been in constant coordination with the Surveyor on determination of the Right-of-way and in receipt of various levels of completion of the Field Surveying. L&G has received a copy of the ROW map. L&G ROW agents have reviewed the ROW Map and have provided comments to ROWSS. The geometry of the ROW map was checked by the engineering staff. No Update.		
FC 13020 ~ ROW Mapping / SUB	ROWSS	60%
See attached progress report from ROWSS dated 9-30-2015		
TASK #4 – FC 150 – Field Surveying		
FC 15030 ~ Field Surveying (Control Horizontal and Vertical Ties)	ROWSS	94.2%
See attached progress report from ROWSS dated 9-30-2015		
FC 15040 ~ Determine Topography, Cross Sections and Pot Holing	ROWSS	92.5%
See attached progress report from ROWSS dated 9-30-2015		

FC 15060 ~ Final Reports and Deliverables	ROWSS	65%
See attached progress report from ROWSS dated 9-30-2015		
FC 15070 ~ Project Management and Oversight	ROWSS	65%
See attached progress report from ROWSS dated 9-30-2015		
TASK #5 - <u>FC 161 - Drainage</u>		
FC 16101 ~ Hydrologic Map	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16102 ~ Hydraulic Drainage Study - Culverts	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16103 ~ Hydraulic Drainage Study - Channels	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16104 ~ Hydraulic Drainage Study – Irrigation Canals/Siphons	L&G	100%
Task is complete – See progress report dated 09-2015		
FC 16105 ~ Layout, Structural Design and Detailing of Drainage Features - Culverts	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16106 ~ Layout, Structural Design and Detailing of Drainage Features – Storm Sewers	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16107 ~ Layout, Structural Design and Detailing of Drainage Features – Outfall Channel(s) Outside of ROW	L&G	100%
Task is complete – See progress report dated 07-2015		

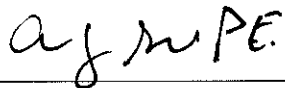
FC 16108 ~ Layout, Structural Design and Detailing of Drainage Features – Summary of Qtys	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16109 ~ Layout, Structural Design and Detailing of Drainage Features – Storm Water Management Facilities	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16111 ~ Storm Water Pollution Prevention Plan (SW3P)	L&G	100%
Task is complete – See progress report dated 07-2015		
TASK #6 - FC 163 – Miscellaneous Roadway		
FC 16306 ~ Special Utility Details (Irrigation Lines)	L&G	100%
Task is complete – See progress report dated 08-2015		
FC 16307 ~ Miscellaneous Structures	L&G	100%
Task is complete – See progress report dated 07-2015		
FC 16301 ~ Foundation Studies	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 16302 ~ Utility Agreements and Exhibits	L&G	95.1%
<p>After about two months of requesting clarification, from the irrigation district, on comments received from the irrigation district L&G finally received a response. The irrigation layouts and bypass structures were updated with the comments that were received from the irrigation district. The completed sheets were scanned and submitted to the irrigation district. L&G has requested that the irrigation district perform a final review of the culvert and bypass layouts to ensure that all of the irrigation district's comments and concerns were addressed. The irrigation district has not responded to the submittal. Several follow up e-mails were sent to the irrigation district and their engineer, and L&G has received no responses to those follow up e-mails from either the irrigation district or their engineer. L&G has completed the bore holes in the area of the irrigation canal (Edinburg Main Canal) and have begun to incorporate the information onto the culvert and bypass layouts for the contractor's</p>		

information. Follow up e-mails are being sent to the irrigation district. No Invoice.		
FC 16303 ~ Railroad Sketches	L&G	100%
Task is complete – See progress report dated 06-10-2015		
FC 16304 ~ Traffic Signal Agreement Sketches	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 16305 ~ Estimate	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 16308 ~ Specifications and General Notes	L&G	100%
Task is complete – See progress report dated 11-02-2015		
TASK #7 - FC 600 – Right-of-Way Acquisition Services – Compensable Utilities		
FC 60000 ~ Right of Way Administration Acquisition	L&G	55%
<p>Project presence has been established at 900 S. Stewart Road in Mission, Texas 78572 @ L&G Engineering-Transportation Consulting Engineers Right of Way Office. The office is open during normal County and State work hours with available personnel to answer questions about the project. One staff member is a current commissioned notary.</p> <p>Coordination for the acquisition continues by meeting with the surveyor, county personnel, TXDOT and Irrigation District. The title commitments have been requested in order to clear title when the acquisition begins. No Invoice.</p>		
FC 60001 ~ Title Services	L&G	40%
L&G is now in receipt of two title commitments of the five. Sierra Title has assigned the following GF#'s 3164033 and 3164035.		
FC 60002 – Appraisal Services	L&G	0%
No update		
FC 60003 ~ Appraisal Review	L&G	0%
No update		
FC 60004 ~ Parcel Negotiations	L&G	0%
No update		

FC 60005 ~ Closing Services	L&G	0%
No update		
FC 60030 ~ Appraisal Services / SUB	L&G	0%
No update		
FC 60040 ~ Appraisal Review / SUB	L&G	0%
No update		
FC 60101 ~ Preliminary Design Consultations	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 60102 ~ Field Observations and Verifications	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 60103 ~ Exchange of Information with Utility Providers	L&G	90%
Continued exchange of Plans, Profiles and vicinity maps with Enterprise Products regarding 2 conflicts one to the South of US 83 along Chihuahua Rd and another North of US 83. Conducted an onsite meeting with Enterprise field operators to confirm GPS locations of both conflicts. NO UPDATE		
FC 60104 ~ Confirmation of Property Interests	L&G	70%
Meeting with Enterprise Products, 12-01-15. Contact with HCID#1, 12-15-15. NO UPDATE.		
FC 60105 ~ Develop and Execute Release of Easements	L&G	0%
NO UPDATE.		
FC 60106 ~ Coordination and Development of Joint Use Agreements	L&G	100%
Task is complete – See progress report dated 11-02-2015		
FC 60107 ~ Utility Meetings Throughout Project Development	L&G	85%
L&G staff coordinated to finalize response letter to TXDOT dated April 11, 2016. L&G coordinated with Hidalgo Pct. #3 to obtain permit to expose Enterprise Products gas pipeline off Chihuahua Rd.		

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

Sincerely,



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

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

INVOICE#: 11325634
INVOICE DATE: 4/30/2016

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 05 2016

3:00 AM/PM

BY: MSP

BILL TO:

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

JOB:130106

La Joya Watershed Imp
WA#6A P.O #627201

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2016.						
FC 102 - Feasibility Studies						
10201-Preliminary Design Values	1,575.64	1,575.64		1,575.64	100.0	-
10202-Preliminary Route Location on Uncontrolled Mapping	1,575.64	1,575.64		1,575.64	100.0	-
10203-Uncontrolled Mapping	1,575.64	1,575.64		1,575.64	100.0	-
10204-Preliminary Hydrologic Map	1,575.64	1,575.64		1,575.64	100.0	-
10205-Preliminary ROW Requirements	1,575.64	1,575.64		1,575.64	100.0	-
10206-Preliminary Cost Estimates	1,575.64	1,575.64		1,575.64	100.0	-
10207-Preliminary Environmental Analysis	1,575.64	1,575.64		1,575.64	100.0	-
10208-Proj. Fact Sheet w/Est. Local Cost vs. Total Proj. Cost	1,575.64	1,575.64		1,575.64	100.0	-
10209-Meetings, Coord. & Support for Project Dvlpmnt	1,575.64	1,575.64		1,575.64	100.0	-
FC 110 - Route and Design Studies						
11004-Preliminary Cost Estimates	5,627.30	5,627.30		5,627.30	100.0	-
11005-Design Schematic	8,103.29	8,103.29		8,103.29	100.0	-
11006-Preliminary ROW Requirements	7,503.05	7,503.05		7,503.05	100.0	-
FC 130 - Right-of-Way Data						
13008-Coordination and Management of Right-of-Way Data	6,330.75	5,381.14		5,381.14	85.0	949.61
13020-ROW Map / SUB	11,200.00	6,720.00		6,720.00	60.0	4,480.00
FC 150 - Field Surveying						
15030-Horizontal and Vertical Ties	12,784.00	12,041.00		12,041.00	94.2	743.00
15040-Determine Changes in Topography	30,257.00	27,996.00		27,996.00	92.5	2,261.00
15060-Final Reports	3,364.00	2,186.00		2,186.00	65.0	1,178.00
15070-Project Management Oversight	1,246.00	810.00		810.00	65.0	436.00
FC 161 - Drainage						
16101-Hydrologic Map	7,228.00	7,228.00		7,228.00	100.0	-
16102-Hydraulic Drainage Study - Culverts	5,352.16	5,352.16		5,352.16	100.0	-
16103-Hydraulic Drainage Study - Channels	5,352.16	5,352.16		5,352.16	100.0	-
16104-Hydraulic Drainage Study - Irrigation Canals / Siphons	6,602.72	6,602.72		6,602.72	100.0	-
16105-Layout, Struc. Dsgn and Detail. Drainage Features-Culvert	6,602.72	6,602.72		6,602.72	100.0	-
16106-Layout, Struc. Dsgn and Detail. Drainage Features-Storm S	6,602.72	6,602.72		6,602.72	100.0	-
16107-Layout, Struc. Dsgn and Detail. Drainage Features-Outfall	6,602.72	6,602.72		6,602.72	100.0	-
16108-Layout, Struc. Dsgn and Detail. Drainage Features-Summary	6,602.72	6,602.72		6,602.72	100.0	-
16109-Layout, Struc. Dsgn and Detail. Drainage Features-Storm W	6,602.72	6,602.72		6,602.72	100.0	-
16111-Storm Water Pollution Prevention Plan (SW3P)	7,228.00	7,228.00		7,228.00	100.0	-

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

INVOICE#: 11325634
INVOICE DATE: 4/30/2016

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

JOB:130106
La Joya Watershed Imp
WA#6A P.O #627201

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
FC 163 - Miscellaneous Roadway						
16306-Special Utility Details (Irrigation Lines)	4,301.76	4,301.76		4,301.76	100.0	-
16307-Miscellaneous Structures	4,301.76	4,301.76		4,301.76	100.0	-
16301-Foundation Studies	4,301.76	4,301.76		4,301.76	100.0	-
16302-Utility Agreements and Exhibits	4,301.76	4,089.17		4,089.17	95.1	212.59
16303-Railroad Sketches	4,301.76	4,301.76		4,301.76	100.0	-
16304-Traffic Signal Agreement Sketches	4,301.76	4,301.76		4,301.76	100.0	-
16305-Estimate	4,301.76	4,301.76		4,301.76	100.0	-
16308-Specifications and General Notes	4,301.76	4,301.76		4,301.76	100.0	-
FC 600 - Right-of-Way Acquisition Services						
60000-ROW Acquisition Administration	23,800.00	13,090.00		13,090.00	55.0	10,710.00
60001-Title Services Fees	2,400.00	960.00		960.00	40.0	1,440.00
60002-Appraisal Services Fees	3,000.00			0.00	0.0	3,000.00
60003-Appraisal Services Review Fees	1,400.00			0.00	0.0	1,400.00
60004-Parcel Negotiations	14,000.00			0.00	0.0	14,000.00
60005-Closing Services Fees	800.00			0.00	0.0	800.00
60030-Appraisal Services Fees / SUB	8,000.00			0.00	0.0	8,000.00
60040-Appraisal Review Fees / SUB	1,800.00			0.00	0.0	1,800.00
Compensable Utilities						
60101-Preliminary Design Consultations	5,877.20	5,877.20		5,877.20	100.0	-
60102-Field Observations and Verifications	5,877.20	5,877.20		5,877.20	100.0	-
60103-Exchange of Information with Utility Providers	14,630.48	13,167.44		13,167.44	90.0	1,463.04
60104-Confirmation of Property Interests	14,630.48	10,241.35		10,241.35	70.0	4,389.13
60105-Develop and execute release of Easements	14,630.48			0.00	0.0	14,630.48
60106-Coordination and Development of Joint Use Agreements	6,552.44	6,552.44		6,552.44	100.0	-
60107-Utility meetings throughout project development	5,314.50	4,251.60	265.73	4,517.33	85.0	797.17
TOTALS:	322,499.65	249,543.90	265.73	249,809.63	77.5	72,690.02

ORIGINAL CONTRACT SUM \$ 322,499.65
CHANGE BY CHANGE ORDER \$ 0.00
CONTRACT SUM TO DATE \$ 322,499.65
TOTAL COMPLETED TO DATE \$ 249,809.63
LESS PREVIOUS INVOICES \$ 249,543.90
CURRENT PAYMENT DUE \$ 265.73

Angela PE

PROJECT MANAGER'S SIGNATURE

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

Project Workhour Report

La Joya Watershed Improvements WA#6A
 Reference: Inv#11325634
 Date: 4/30/2016
 P.O.#627201

	Hrs		Rate	Total
Senior Project Manager	0.00	X	212.59	\$0.00
Senior Engineer	0.00	X	175.07	\$0.00
Project Engineer	0.00	X	121.92	\$0.00
ROW Administrator	0.00	X	106.29	\$0.00
Environmental Scientis/Specialist	0.00	X	78.16	\$0.00
Seinior Engineer Tech	0.00	X	78.16	\$0.00
Engineer Tech	0.00	X	75.03	\$0.00
Admin/Clerical	0.00	X	56.27	\$0.00

Grand Total of Hours

\$	-
----	---

(Difference due to rounding hours)

\$	-
----	---

Invoice Summary

Man Hours	\$	-
Right-of Way Acquisitions	\$	265.73
Sub Contract	\$	-
<small>(See Attached Sub Invoice for Man Hour Breakdown)</small>		

Total Per Invoice Submitted

\$	265.73
----	--------



L&G Engineering
Transportation Consulting Engineers

2100 W. Expressway 83 Mercedes, TX 78570
Phone: (956) 565-9813 Fax: (956) 565-9018
Toll Free: (888) 565-9813 Firm No. F-4105

900 S. Stewart Rd., Ste. 10 Mission, TX 78572
Phone: (956) 585-1909 Fax: (956) 585-1927
Toll Free: (866) 585-1909

Letter of Transmittal

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

DATE:
May 3, 2016

REF.: Work Authorization #6A on La Joya Watershed Improvement Project

P.O. #626941

Invoice # 11325631

L&G PROJECT NO.:
130106

TRANSMITTED:

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

VIA:

<input type="checkbox"/> US Mail	<input type="checkbox"/> Courier	<input checked="" type="checkbox"/> Hand Carry
<input type="checkbox"/> E-Mail	<input type="checkbox"/> Lonestar Overnight	<input type="checkbox"/> Pick up

COPIES

DESCRIPTION

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 05 2016

3:00 AM (PM)

BY: MA


REMARKS:

If you have any questions or comments, please feel free to contact me or Mr. Damien B. Tijerina, P.E. at 956-585-1909.

Thank you,

 P.E.

Armando J. Sandoval, P.E.
Project Manager

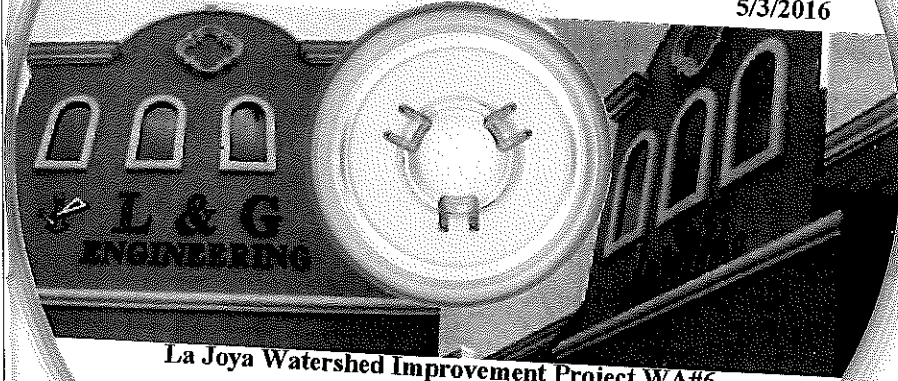
 5/5/16
Received By
1:46pm

L & G Engineering Electronic Data & CAD Disclaimer

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

HCDD#1

5/3/2016



**La Joya Watershed Improvement Project WA#6
Task #7 FC-60107**

L & G Engineering

Highway / Civil
Structural / Bridge
Environmental
Construction Material Testing

900 S. Stewart Rd. Ste 5
Mission, TX, 78572
Phone : (956) 585-1909
Fax : (956) 585-1927



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 5/4/2016

Engineer/Firm Name: L&G ENGINEERING

Project Name/Number: Pharr Mcallen Drain & South Flood Water Ch. WA#5

Invoice No.: 11325632

Purchase Order No.: 629085

Received By: Maria Perez

Forwarded to: Nora D. Cavazos _____ Date: _____
Claudette Guerrero _____ Date: _____

Total # of Pages Submitted: _____

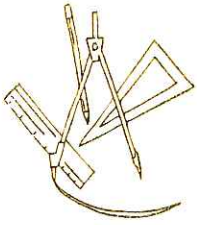
Attachments: CD, 1 ORIG/2COPIES OF GEO. REPORT

Amount: \$20,033.64

Forwarded to: Jose N. Saldivar _____ Date: _____

Forwarded to: Lora Briones _____ Date: _____

Additional Comments: _____



May 2, 2016

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016

11:20 AM / PM

BY: *MAP*

Mr. Raul Sesin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle
Edinburg, Texas 78542

RE: Pharr McAllen Drain & South Flood Water Channel Watershed Improvement Project
Work Authorization #5 – FEMA Grant Applications
Job # 150305
P.O. # 629085

Dear Mr. Sesin,

Attached for your review and approval is our invoice for the services rendered during the month of April 2016 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325632 (FINAL)
- Final Waiver & Lien Release
- CD w/ Electronic Files of Data for:
 - All Tasks

TASK		% COMPL
Pharr-McAllen Drain & South Flood Water Channel Watershed Improvement Project		
Task 1 ~ Coordination and Management of Hydraulic Engineer on Application for Pharr-McAllen Drain	L&G	100%
Update – L&G coordinated and provided assistance throughout the preparation and submittal of the FEMA Grant application for the Pharr-McAllen Drain.		
Task 1a ~ (SUB): Grant Application Preparation – Pharr-McAllen Drain	CSE	100%
Update – See progress report from CSE dated April 25, 2016.		
Task 2 ~ Coordination and Management of Hydraulic Engineer on Application for South Floodwater Channel/Las Milpas	L&G	100%
Update – L&G coordinated and provided assistance throughout the preparation and submittal of the FEMA Grant application for the South Floodwater Channel/Las Milpas.		
Task 2a ~ (SUB): Grant Application Preparation – South Floodwater Channel/Las Milpas	CSE	100%
Update – See progress report from CSE dated April 25, 2016.		

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#: 11325632
INVOICE DATE: 4/30/2016

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

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

MAY 03 2016
 11:20 AM / PM
 BY: 

JOB:150305
 Pharr McAllen Drain & South Flood
 Water Channel Watershed Imp. Project
 WA#5 - PO#629085

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2016.						
FC 161 - HYDROLOGY						
16107-Coordination and Management of Hydraulic Engineer	2,516.82		2,516.82	2,516.82	100.0	-
16170-SUB - Grant Application Preparation - Pharr-McAllen	7,500.00		7,500.00	7,500.00	100.0	-
16108-Coordination and Management of Hydraulic Engineer	2,516.82		2,516.82	2,516.82	100.0	-
16180-SUB - Grant Application Preparation - South Flood	7,500.00		7,500.00	7,500.00	100.0	-
TOTALS:	<u>20,033.64</u>	<u>0.00</u>	<u>20,033.64</u>	<u>20,033.64</u>	100.0	<u>-</u>

ORIGINAL CONTRACT SUM	\$	20,033.64
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	20,033.64
TOTAL COMPLETED TO DATE	\$	20,033.64
LESS PREVIOUS INVOICES	\$	0.00
CURRENT PAYMENT DUE	\$	<u>20,033.64</u>


 PROJECT MANAGER'S SIGNATURE

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

Project Workhour Report

Pharr McAllen Drain & South Flood Water Channel Warshed Improvement Project WA#5

Reference: Inv#11325632

Date: 4/30/2016

P.O.#629085

	Hrs		Rate	Total
Senior Project Manager	8.00	X	218.04	\$1,744.32
Senior Engineer	12.00	X	180.66	\$2,167.92
Senior Engineer Tech	8.00	X	93.45	\$747.60
Admin/Clerical	6.00	X	62.30	\$373.80

Grand Total of Hours \$ 5,033.64

(Difference due to rounding hours) \$ -

Invoice Summary	
Man Hours	\$ 5,033.64
Sub Contract <small>(See Attached Sub Invoice for Man Hour Breakdown)</small>	\$ 15,000.00
(Difference due to rounding)	
Total Per Invoice Submitted	\$ 20,033.64



**Civil Systems
Engineering, Inc.**

1202 Lake Pointe Parkway
Sugar Land, Texas 77478
(713) 782-3811

INVOICE

Engineering Services
Pharr_McAllen Drain & South Floodwater Watershed FEMA Grant Application

L&G Engineering
2100 W. Expressway 83
Mercedes, Texas 78570
Attention: Mr. David Saenz, P.E.

CSE Invoice Number: LG201601
CSE Project Number: LG201601
Invoice Period: 4/1/2016 Through 4/25/2016
Invoice Date: April 25, 2016

Contract Amount	Contract Amount Remaining
\$15,000.00	\$0.00

	Previous	This Period	To Date
Grant Application	0.00	15,000.00	15,000.00
Subtotal	0.00	15,000.00	15,000.00

TOTAL FEE EARNED:	\$15,000.00
LESS PREVIOUSLY INVOICED:	\$0.00
TOTAL AMOUNT DUE THIS INVOICE:	\$15,000.00

Deren Li, Ph.D., P.E., D.WRE
Project Manager




**Pharr McAllen & South Floodwater Watershed
FEMA Grant Application
Monthly Progress Report No. #1 – April 25, 2016**

Period of Coverage: April 28, 2016
Date of Submittal: April 25, 2016
Submitted To: David Saenz, P.E.
Prepared By: Civil Systems Engineering Inc.

Grant Application was completed and submitted to FEMA.

L&G CONSULTING ENGINEERS INC
2100 W. Expressway 83
Mercedes, TX 78570
956-565-9813 fax 956-565-9018

FINAL WAIVER AND LIEN RELEASE

DATE: 04/30/2016
PROJECT: Pharr McAllen Drain & South Flood Water Channel Watershed Project WA#5-PO#629085
OWNER: Hidalgo County Drainage District #1
FINAL PAYMENT: \$20,033.64

UPON RECEIPT OF THIS PAYMENT, Owner does hereby certify and acknowledge that Engineer has been fully paid for all work and labor done by Owner and for all materials and services supplied by Engineer on the above project and that this payment, which includes all retainage released to the Engineer, represents the FINAL AND COMPLETE payment for work and/or labor done and all materials and services supplied on the above described project.

The undersigned hereby further certifies: There are no known mechanics, materialmen's, or laborer's liens or claims or any other liens or claims, legal or equitable, contractual, statutory, or constitutional, outstanding or known to exist as of the date referenced above and if any should arise in the future, the undersigned agrees to indemnify and hold the Owner and Contractor harmless from any and all such liens or claims, including attorney's fees and expenses; all due and payable bills with respect to the real property referenced above have been paid to date or are included in the amount requested in the current application and will be paid from this payment, and there is no known basis for the filing of any mechanics', materialman's, or laborer's lien or claim, or any other lien or claim, legal or equitable, contractual, statutory, or constitutional, on the real property referenced above. Engineer certifies that all waivers and releases from all Engineers, laborers, and material men for work done and materials furnished have been obtained in such form as to constitute an effective waiver and release of all such liens under the Laws of the State of Texas.

ENGINEER SWEARS THAT, WITH RECEIPT OF THE PAYMENT ASSOCIATED WITH THIS LIEN RELEASE, ALL OUTSTANDING BILLS ASSOCIATED WITH THIS LIEN RELEASE WILL BE PAID AT THIS TIME. FURTHER, ENGINEER ACKNOWLEDGES THAT ALL FUNDS RECEIVED, TO THE APPROPRIATE AMOUNT, ARE RECEIVED IN TRUST FOR ALL ENGINEERS/SUPPLIERS THAT ARE OWED FUNDS BY HIM ON THIS PROJECT. ENGINEER AGREES TO INDEMNIFY ANY PARTY RELYING UPON THIS AFFIDAVIT FOR ANY LOSS OR EXPENSE RESULTING FROM FALSE OR INCORRECT STATEMENTS IN THIS AFFIDAVIT.

UPON RECEIPT OF THIS PAYMENT, Engineer hereby releases in full all claims and liens Engineer has heretofore filed, if any, on such property for such work and/or material. Engineer hereby waives all rights, claims and liens on this project forever for such work done and all materials supplied by Engineer.

L&G CONSULTING ENGINEERS, INC

Marisela G. Marin Sec/Treas 04/30/2016
Signature Date

Printed Name/Title Marisela G. Marin Sec/Treas.

STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

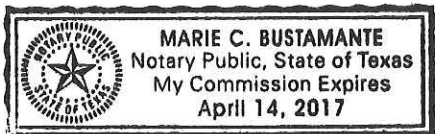
COUNTY OF HIDLAGO

Before me, the undersigned authority, on this day personally appeared Marisela G. Marin, the Secretary/Treasurer (title) of L&G Consulting Engineers, Inc, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes therein expressed and in the capacity therein stated.

Marie C. Bustamante

NOTARY PUBLIC in and for THE STATE OF TEXAS

Printed Name: Marie C. Bustamante
My Commission Expires: April 14, 2017



**Pharr McAllen Drain &
South Flood Water Channel
Watershed Improvement Project
Work Authorization #5**

**Invoice #
11325632
(FINAL)**

HCDD#1

4/30/2016

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.



L&G Engineering
Transportation Consulting Engineers

2100 W. Expressway 83 Mercedes, TX 78570
Phone: (956) 565-9813 Fax: (956) 565-9018
Toll Free: (888) 563-9813 Firm No. F-4105

500 S. Stewart Rd., Ste. 10 Mission, TX 78572
Phone: (956) 585-1909 Fax: (956) 585-1927
Toll Free: (866) 585-1909

Letter of Transmittal

Mr. Raul Sesin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle Rd.
Edinburg, Texas 78542

DATE:
May 2, 2016

Project: Progress Report & Invoice Package for Various Work Authorizations
Pharr McAllen Drain & South Floodwater Channel Watershed Improvement Project
Mission Inlet Recertification Project

L&G PROJECT NO.:

TRANSMITTED:

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

VIA:

<input type="checkbox"/> US Mail	<input type="checkbox"/> Courier	<input checked="" type="checkbox"/> Hand Carry
<input type="checkbox"/> E-Mail	<input type="checkbox"/> Lonestar Overnight	<input type="checkbox"/> Pick up

COPIES	DESCRIPTION
1	Progress Report and Invoice Package (including CD w/Electronic Files) for the following Project: <ul style="list-style-type: none"> • Work Authorization #4 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #628487, Invoice #11325615 • Work Authorization #5 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #629085, Invoice #11325632 (FINAL) <i>CD</i> <ul style="list-style-type: none"> ▪ 1 Original, <i>PL</i> Copies of Geotechnical Report • Work Authorization #5 on Mission Inlet Recertification Project ✓ <ul style="list-style-type: none"> ○ P.O. #628488, Invoice #11325612 <i>CD</i>

REMARKS:

If you have any questions or comments, please feel free to contact me, Mr. David Saenz, P.E. at (956) 585-1909.

Thank you,

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016

Received By: _____

11:20 AM / PM

Date: _____ Time: _____

BY: *R. Sesin*



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 5/4/2016

Engineer/Firm Name: L&G ENGINEERING

Project Name/Number: Pharr McAllen Drain & South Flood Water Ch. WA#4

Invoice No.: 11325615

Purchase Order No.: 628487

Received By: Maria Perez

Forwarded to: Nora D. Cavazos Date: _____
Claudette Guerrero Date: _____

Total # of Pages Submitted: 10

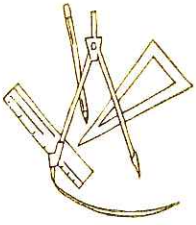
Attachments: CD

Amount: \$31,283.10

Forwarded to: Jose N. Saldivar Date: _____

Forwarded to: Lora Briones Date: _____

Additional Comments: _____



May 2, 2016

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016

11:20 AM / PM

BY: *MAV*

Mr. Raul Segin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle
Edinburg, Texas 78542

RE: Pharr McAllen Drain & South Flood Water Channel Watershed Improvement Project
Work Authorization #4 – PS&E on the South Pharr/Las Milpas South Floodwater Channel
Job # 150304
P.O. # 628487

Dear Mr. Segin,

Attached for your review and approval is our invoice for the services rendered during the month of April 2016 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325615
- CD w/ Electronic Files of Data for:
 - Task 1, 3, 3a & 4

TASK		% COMPL
Pharr-McAllen Drain & South Flood Water Channel Watershed Improvement Project		
Task 1 ~ Schematic Development (Overall Exhibit w/ Plan & Profiles)	L&G	90.0%
Update – L&G has continued development of the schematic that shows the proposed improvements in plan and profile view (for inv. of utility conflicts). Specific tasks performed include: alignment modification, and identification of property ownership, utilities, ditch data, and profile generation w/ crossings.		
Task 2 ~ Support to HCDD#1, HCID#2 & Hidalgo Co. Pct #2 on Project Development	L&G	50.0%
No Update – See progress report dated April 1, 2016		
Task 3 ~ Coordination and Management of Surveyor	L&G	62.9%
Update – L&G coordinated with R.O.W. SS throughout the month to discuss progress on field surveying and topography to date.		
Task 3a ~ (SUB): R.O.W. SS ~ ROW Surveying and Mapping	ROW SS	62.4%
Update – See progress report from R.O.W. SS dated 4-30-16 (attached)		

Task 4 ~ Geotechnical Drilling/Testing/Engineering	L&G	100%
Update – L&G has completed Geotechnical Engineering Services for this project. L&G has produced, for HCDD#1, 1 Original, 2 Copies and 1 CD with .PDF format of the Geotechnical Report for the project.		
Task 5 ~ PS&E Development	L&G	0.0%
No Update – Task Not Started		

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#: 11325615
INVOICE DATE: 4/30/2016

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 03 2016

11:20 AM / PM

BY: [Signature]

JOB:150304
 Pharr McAllen Drain & South Flood
 Water Channel Watershed Imp. Project
 WA#4 - PO#628487

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 April 2016.						
FC 161 - HYDROLOGY						
11006-Task 1-Schematic Development (Overall Exhibit w/Plan	27,809.44	16,673.82	8,350.94	25,024.76	90.0	2,784.68
11007-Task 2-Support to HCDD#1, HCID#2 & Hidalgo Co. Pct 1	19,844.83	9,927.07		9,927.07	50.0	9,917.76
15001-Task 3-Coordination and Management of Surveyor	8,017.64	3,881.12	1,161.84	5,042.96	62.9	2,974.68
15010-Task 3a-Row Surveying and Mapping (SUB)	80,107.00	38,559.00	11,465.00	50,024.00	62.4	30,083.00
33001-Task 4-Geotechnical Drilling/Testing/Engineering	20,610.64	10,305.32	10,305.32	20,610.64	100.0	-
11003-Task 5- PS&E Development	143,596.40			0.00	0.0	143,596.40
TOTALS:	<u>299,985.95</u>	<u>79,346.33</u>	<u>31,283.10</u>	<u>110,629.43</u>	36.9	<u>189,356.52</u>

ORIGINAL CONTRACT SUM	\$	299,985.95
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	299,985.95
TOTAL COMPLETED TO DATE	\$	110,629.43
LESS PREVIOUS INVOICES	\$	79,346.33
CURRENT PAYMENT DUE	\$	31,283.10

[Signature]
 PROJECT MANAGER'S SIGNATURE

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

Project Workhour Report

Pharr McAllen Drain & South Flood Water Channel Warshed Improvement Project WA#4

Reference:Inv#11325615

Date: 4/30/2016

P.O.#628487

	Hrs		Rate	Total
Senior Project Manager	7.00	X	218.04	\$1,526.28
Senior Engineer	19.00	X	180.66	\$3,432.54
Project Engineer	34.00	X	133.94	\$4,553.96
Senior Engineer Tech	0.00	X	93.45	\$0.00
Admin/Clerical	0.00	X	62.3	\$0.00

Grand Total of Hours \$ 9,512.78

(Difference due to rounding hours) \$ -

Invoice Summary	
Man Hours	\$ 9,512.78
Geotek Drilling/Testing/Engineers	\$ 10,305.32
Sub Contract	\$ 11,465.00
(See Attached Sub Invoice for Man Hour Breakdown)	
(Difference due to rounding) \$ -	

Total Per Invoice Submitted **\$ 31,283.10**

R. O. W. SURVEYING SERVICES, L.L.C.

April 30, 2016

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

RE: Invoice #R16-044

**Pharr McAllen Drain & South Floodwater
Channel Watershed Improvement Project
Work Authorization #19**

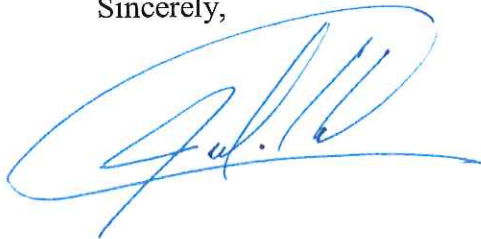
Limits: From IBWC Main Floodway to South Floodwater Channel

Dear Mr. Saenz:

Attached for your approval is our invoice for services rendered for the month of April, 2016. Additional attachments have a progress report and project Schedule C.

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, L.L.C.

Progress Report as of April, 2016:

FC150 Field Surveying (Control Hz & Vt)

PHASE I

○ *A. Primary Project Control*

No activities

○ *B. Secondary Project Control*

No activities

PHASE II

○ *A. Setting Benchmarks*

1. Setting Benchmarks

No Activities.

2. Topography & Cross Section Survey

Field Survey complete

3. Locate Visible Utilities

All visible utilities have been surveyed

4. Cross Culverts, Driveway Culverts, Inverts

Field survey complete- office staff processing data

7. Profile and Cross Section Intersecting Streets

Field survey complete- office staff processing data

8. Irrigation Crossing

Field survey complete- office staff processing data

9. Existing Storm Drain H & V

Field survey complete- office staff processing data

R. O. W. SURVEYING SERVICES, L.L.C.

10. Tie Existing Underground & Overhead Utilities Coordination with Engineer
Field survey complete- office staff processing data. SUE pending
11. Additional Field Surveying
Field survey complete- office staff processing data
17. Obtain Elevations of Manholes & Valves of Utilities
Field survey complete- office staff processing data
18. Provide Temporary Signs, Traffic control, flags, safety equipment, etc.
Field survey complete- office staff processing data
21. Inventory Signs, Mailboxes, and Driveways
Field survey complete- office staff processing data
22. Survey Controlled Data Sheets per TxDOT guidelines
No Activities
23. Recover and Establish Existing CL and ROW
Field survey complete- office staff processing data

PHASE III

Final Reports & Deliverables

- **A. CADD file (2D &3D) for limits of Project**
Field survey complete- office staff processing data
- **B. Final Report and Deliverables**
Office staff continuing to process topography data for final submittal.

Project Management & Oversight

- **A. Meeting & Coordination with Engineers**
Continued meeting and communication with L&G Project Manager regarding project limits and project scope
- **B. QC/QA Survey**
Continued verifying survey data with field crew and office staff.



SURVEYING SERVICES, LLC.

900 S. STEWART RD. SUITE 13
MISSION, TEXAS 78572
TEL.: (956) 424-3335
FAX.: (956) 424-3132

TBPLS REG. FIRM# 10193886

INVOICE: R16-044

BILL TO:

Jacinto Garza, P.E.
L & G Engineering
Attn: David Saenz, P.E.
2100 W. Expressway 83
Mercedes, Texas 78570

Invoice Date: April 30, 2016
OUR ORDER NO.: R16004

RE: Pharr-McAllen Drain & South Floodwater Channel Watershed Improvement Project (Work Authorization #19)
Limits: From IBWC Main Floorwater to South Floodwater Channel

Task and Description	Contract Amount	Invoice to Date	Paid to Date	Current Amount Due	Contract Balance	AMOUNT
Function Code 150						
Phase I - Field Surveying (Control Hz & Vt)						
A. Primary Project Control						
1. Establish Primary Control	\$2,614.00	\$523.00	\$523.00	\$0.00	\$2,091.00	20.01%
B. Secondary Project Control						
1. Set Additional Secondary Control Points as Needed	\$1,839.00	\$368.00	\$368.00	\$0.00	\$1,471.00	20.01%
2. Horizontal Values Established with RTK or VRS	\$2,495.00	\$499.00	\$499.00	\$0.00	\$1,996.00	20.00%
3. Vertical Values Established with Digital Level	\$8,889.00	\$1,778.00	\$1,778.00	\$0.00	\$7,111.00	20.00%
Phase II - DTM Topography and Cross Sections						
A. Setting Benchmarks						
1. Setting Benchmarks @ 1,000 foot intervals	\$4,960.00	\$992.00	\$992.00	\$0.00	\$3,968.00	20.00%
2. Topographic & Cross Sections	\$15,309.00	\$12,248.00	\$0.00	\$3,062.00	\$3,061.00	80.01%
3. Locate Visible Utilities						
a. Utilities	\$5,306.00	\$4,245.00	\$1,061.00	\$1,061.00	\$1,061.00	80.00%
4. Cross Culverts, Driveway Culverts, Inverts	\$7,134.00	\$5,708.00	\$1,427.00	\$1,427.00	\$1,426.00	80.01%
7. Profile & Cross Section Intersecting Streets	\$3,875.00	\$3,100.00	\$775.00	\$775.00	\$775.00	80.00%
8. Irrigation Crossings	\$2,206.00	\$1,765.00	\$442.00	\$441.00	\$441.00	80.01%
9. Existing Storm Drain H&V	\$1,960.00	\$1,568.00	\$392.00	\$392.00	\$392.00	80.00%
10. Tie Existing Underground & Overhead Utilities Coord. w/Eng.	\$2,048.00	\$1,639.00	\$410.00	\$410.00	\$409.00	80.03%
11. Additional Field Surveying						
a. Irrigation Lines	\$1,795.00	\$1,436.00	\$359.00	\$359.00	\$359.00	80.00%
b. Outfalls & Edinburg Irrigation District No. 1 Main Canal						
c. Driveways and Turnouts	\$1,896.00	\$1,517.00	\$380.00	\$379.00	\$379.00	80.01%
17. Obtain Elevations of Manholes & Valves of Utilities	\$1,905.00	\$1,524.00	\$381.00	\$381.00	\$381.00	80.00%
18. Provide tem. signs, traffic control, flags, safety equip., etc.	\$1,550.00	\$1,240.00	\$310.00	\$310.00	\$310.00	80.00%
21. Inventory Signs, Mailboxes, & Driveways	\$1,905.00	\$1,524.00	\$381.00	\$381.00	\$381.00	80.00%
22. Survey Control Data Sheets per TxDOT	\$1,984.00	\$0.00	\$0.00	\$0.00	\$1,984.00	0.00%
23. Recover & Establish Existing CL & ROW	\$3,016.00	\$2,413.00	\$604.00	\$603.00	\$603.00	80.01%
Phase III - Final Report & Deliverables						
A. CADD file (2D & 3D) for limits of project	\$820.00	\$656.00	\$164.00	\$164.00	\$164.00	80.00%
B. Final Report and Deliverables	\$2,666.00	\$2,133.00	\$534.00	\$533.00	\$533.00	80.01%
Project Management and Oversight						
A. Meeting and Coordination w/ Engineers	\$1,345.00	\$1,076.00	\$269.00	\$269.00	\$269.00	80.00%
B. QC/QA Survey	\$2,590.00	\$2,072.00	\$518.00	\$518.00	\$518.00	80.00%
Sub-Total (FC 150):	\$80,107.00	\$50,024.00	\$12,567.00	\$11,465.00	\$30,083.00	62.4465%
GRAND TOTAL:	\$80,107.00	\$50,024.00	\$12,567.00		\$30,083.00	62.4465%
				TOTAL DUE:	\$11,465.00	

DIRECT ALL INQUIRIES TO:
JULIO CERDA, P.E.
(956)451-2670
email: julio@southtexasig.com

MAKE ALL CHECKS PAYABLE TO:
R. O. W. Surveying Services, L.L.C.
Attn: JULIO CERDA, P.E.
900 S. Stewart Road, Suite #13, Mission, Texas 78572

THANK YOU FOR YOUR BUSINESS!

**Pharr McAllen Drain &
South Flood Water Channel
Watershed Improvement Project
Work Authorization #4**

**L & G
ENGINEERING**

**Invoice #
11325615**

4/30/2016

HCDD#1

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 Practices Act.



L&G Engineering
Transportation Consulting Engineers

2100 W. Expressway 53 Mercedes, TX 78570
Phone: (956) 565-9813 Fax: (956) 565-9018
Toll Free: (888) 565-9813 Firm No. E-4105

900 S. Stewart Rd., Ste. 10 Mission, TX 78572
Phone: (956) 585-1909 Fax: (956) 585-1927
Toll Free: (866) 585-1909

Letter of Transmittal

Mr. Raul Sesin, P.E. – District Manager
Hidalgo County Drainage District #1
902 N. Doolittle Rd.
Edinburg, Texas 78542

DATE:
May 2, 2016

Project: Progress Report & Invoice Package for Various Work Authorizations
✓ Pharr McAllen Drain & South Floodwater Channel Watershed Improvement Project 2
✓ Mission Inlet Recertification Project 1

L&G PROJECT NO.:

TRANSMITTED:

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

VIA:

- | | | |
|----------------------------------|---|--|
| <input type="checkbox"/> US Mail | <input type="checkbox"/> Courier | <input checked="" type="checkbox"/> Hand Carry |
| <input type="checkbox"/> E-Mail | <input type="checkbox"/> Lonestar Overnight | <input type="checkbox"/> Pick up |

COPIES	DESCRIPTION
1	Progress Report and Invoice Package (including CD w/Electronic Files) for the following Project:
	<ul style="list-style-type: none"> • Work Authorization #4 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #628487, Invoice #11325615 • Work Authorization #5 on Pharr McAllen Drain & South Floodwater Channel <ul style="list-style-type: none"> ○ P.O. #629085, Invoice #11325632 (FINAL) <ul style="list-style-type: none"> ▪ 1 Original, 3 Copies of Geotechnical Report • Work Authorization #5 on Mission Inlet Recertification Project ✓ <ul style="list-style-type: none"> ○ P.O. #628488, Invoice #11325612 CD

REMARKS:

If you have any questions or comments, please feel free to contact me, Mr. David Saenz, P.E. at (956) 585-1909.

Thank you,

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 03 2016
11:20 AM / PM

Received By: _____

Date: _____ Time: _____

BY:

AI -54736

5.

DRAINAGE - CONSENT

Meeting Date: 05/25/2016

Submitted Lora Briones

Submitted By: Lora Briones, DRAINAGE
DISTRICT

For:

Department: DRAINAGE DISTRICT

Information

CAPTION

Request approval to pay Urban Infrastructure for Invoice No. 0416112800 in the amount of \$11,194.31 for the Pct. 1 Mile 13 1/2 and 1015 area Drainage Improvement Project Engineering and Surveying Services for April 2016, Work Authorization #1 & Work Authorization #2; P.O. No. 628833 & 628828.

BACKGROUND

Fiscal Impact

Attachments

Inv 0416112800

Form Review

Inbox	Reviewed By	Date
Budget & Management	Veronica Ortiz	05/20/2016 03:43 PM
Final Approval	Monica Badillo	05/20/2016 05:11 PM
Form Started By: Lora Briones		Started On: 05/20/2016 10:57 AM
Final Approval Date: 05/20/2016		



Hidalgo County Drainage District No. 1

902 North Doolittle Road

Edinburg, Texas 78542

Office: (956) 292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 5/6/2016

Engineer/Firm Name: Urban Infrastructure

Project Name/Number: Los Olivarez Drain to Ditch 4E2A WA No. 1, WA No. 2

Invoice No.: 416112800

Purchase Order No.: 628833, 628828

Received By: Maria Perez

Forwarded to: Nora D. Cavazos _____ Date: _____
Claudette Guerrero _____ Date: _____

Total # of Pages Submitted: 49

Attachments: _____

Amount: \$11,194.31

Forwarded to: Jose N. Saldivar _____ Date: _____

Forwarded to: Lora Briones _____ Date: _____

Additional Comments: _____



URBAN INFRASTRUCTURE GROUP, INC.

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

May 2, 2016

Jaime Salazar, Operations Manager
Hidalgo County Drainage District No.1
902 N. Doolittle
Edinburg, Texas 78542

MAY 06 2016

4:50 AM / PM

BY: MSD

RE: Invoice No. 0416112800

Project Name:	Pct. 1 – Mile 13 ½ and 1015 area Drainage Improvement Project
Project Number:	112800

Invoice Period:	April 2016
-----------------	------------

This invoice is for engineering services pertaining to the Los Olivarez Acres Drain to Ditch 4E2A project. Attached with this invoice is our Monthly Progress Report. Below shows the amount billed for each Work Authorization (WA). If you have any questions please don't hesitate to call me.

Professional Services	Complete This Month	Contract Amount	Amount This Month	Total
WA#1 PO 628833 (40% Complete)	20%	\$47,951.57	\$9,590.31	
WA#2 PO 628828 (100 %Complete)	25%	\$6,320.00	\$1,580.00	
				\$11,170.31

Reimbursable Expenses	Each	Rate	Amount	
Copies 8.5 x 11	0	\$.10	\$0.00	
Bond 24x36"	6	\$4.00	\$24.00	
				\$24.00

TOTAL AMOUNT DUE: \$11,194.31

I certify that the above information is true and correct.

Craig A Gonzalez, P.E.
Principal

We appreciate the opportunity to serve you on this project.
God Bless.



Hidalgo County Drainage Dist. No.1

902 N. Doolittle
Edinburg TX 78542
956-292-7080



URBAN
INFRASTRUCTURE
GROUP, INC.

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 06 2016

4:50 AM/PM

BY: *MAP*

Raul E. Sesin, P.E., CFM
General Manager

Mile 13.5 N and Mile 3 W

Project Engineer
Craig A. Gonzalez, P.E.
Urban Infrastructure Group
407 N. Salinas Blvd.
Donna, Texas 78537
Tel: 956.464.4710
Fax: 956.464.4711

ENGINEER'S MONTHLY PROGRESS REPORT
May 2, 2016

PROJECT: Los Olivarez Drain to Ditch 4E2A
Work Authorization No. 1 – PO# 628833: Engineering Services
Work Authorization No. 2 – PO# 628828: Surveying Services and CAD Designer Work

Progress WA#1

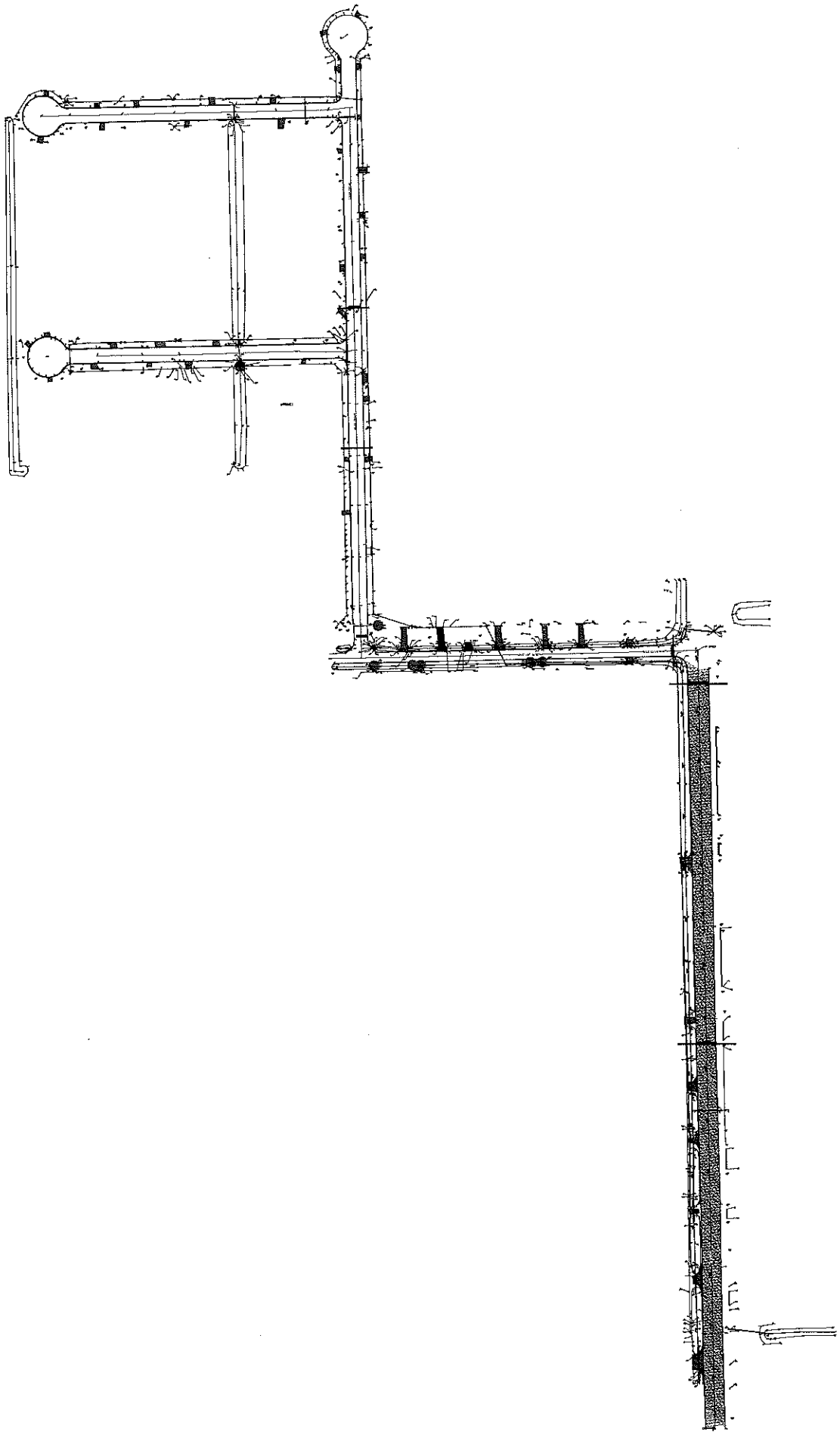
In this work authorization Engineer has been authorized to provide Preliminary Engineering, Final Design and Constriction Bidding Documents for the proposed drainage improvements. The following work has been performed during April:

- Completed runoff calculations,
- Performed hydraulic calculations of proposed system,
- Attended meeting with Drainage District Staff,
- Performed additional hydraulic calculations per District recommendation,
- Preparing Final Engineering Report,
- Started design of storm sewer system within Los Olivarez Subdivision
- Revised budget estimate,

Work completed to date under WA#1 is approximately 20% of the scope of work.

Progress WA#2

In this work authorization Engineer has been authorized to provide engineering surveying services for the proposed drainage improvements. Surveying within Mile 3 W and Mile 13.5 N is complete and CAD work has been performed. Work under WA#2 is 100% complete.



PROPOSED BOX CULVERT CROSS-SECTION (STA. 10 + 98.25)

