



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS**

June 17, 2014

9:00 A.M.

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Drainage District #1 Board of Directors will be held at the Edinburg Council Chambers 415 W. University Drive, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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

1. Approval of check register and payment of claims and bills - County Treasurer
2. **AI-44885** Discharge Permits:
Monte Alto Independent School District - Monte Alto ISD- High School
La Joya Independent School District - La Joya Middle School No. 8
3. **AI-44908** 2013 Bond Series-Payments:
Invoice No. 11324850 in the amount of \$100,067.42 for L&G Consulting Engineers, Inc. related to Work Authorization No. 4-Mission Inlet Recertification Project Phase IA-Floodway/Levee Easement Map & Documentation, Phase II-Proposed Improvements Analysis and Phase III-FEMA Mapping & CLOMR from Agreement for Professional Engineering Services for the Mission Inlet Recertification Project, BOD 4-9-13.

Invoice No. 20141914 in the amount of \$54,830.48 for Tedsi Infrastructure Group related to Work Authorization No. 8-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-General Management Consultant from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice No. 20141924 in the amount of \$23,705.76 for Tedsi Infrastructure Group related to Work Authorization No. 13-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-Preliminary Engineering Report Services from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice No. 20141923 in the amount of \$84,680.91 for Tedsi Infrastructure Group related to Work Authorization No. 13-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-Preliminary Engineering Report Services from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice No. 20141878 in the amount of \$62,810.73 for Tedsi Infrastructure Group related to Work Authorization No. 13-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-Preliminary Engineering Report Services from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice No. 20141917 in the amount of \$13,529.70 for Tedsi Infrastructure Group related to Work Authorization No. 12-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-Legal Rights from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice No. 20141882 in the amount of \$4,237.88 for Tedsi Infrastructure Group related to Work Authorization No. 12-Lower Rio Grande Valley Regional Water Management Program (Formerly Delta Watershed Project)-Legal Rights from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13.

Invoice no. 3569 in the amount of \$7,170.76 for R. Gutierrez Engineering Corporation related to Work Authorization No. 1-Engineering Services for Northside Village, Hidden Valley Sates, Minnesota Meadows & Seminole Valley Subdivisions from Agreement for Professional Engineering Services Rural Drainage Development Pct.2

Invoice no. 20141913 in the amount of \$11,206.33 for Tedsi Infrastructure Group related to Work Authorization no. 7-Spanish Palms from Agreement for Professional Engineering Services for Pct.1 2012 Bond Referendum Improvement Projects, BOD 4-9-13

AI-44885

2.

DRAINAGE - CONSENT

Meeting Date: 06/17/2014

Submitted By: Sylvia Sanchez, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permits:

Monte Alto Independent School District - Monte Alto ISD- High School

La Joya Independent School District - La Joya Middle School No. 8

BACKGROUND

Form Review

Inbox	Reviewed By	Date
Budget & Management	Debbie Tamez	06/05/2014 11:01 AM
Final Approval	Monica Badillo	06/13/2014 05:18 PM
Form Started By: Sylvia Sanchez		Started On: 06/05/2014 09:46 AM
	Final Approval Date: 06/13/2014	

AI-44908

3.

DRAINAGE - CONSENT

Meeting Date: 06/17/2014

Submitted By: Claudette Guerrero, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

2013 Bond Series-Payments:

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Meadows & Seminole Valley Subdivisions from Agreement for Professional Engineering Services Rural Drainage Development Pct.2

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BACKGROUND

Attachments

L&G Inv#11324850

Tedsi Inv#20141924

Tedsi Inv#20141924

Tedsi Inv#20141923

Tedsi Inv#20141917

Tedsi Inv#20141878

Tedsi Inv#20141882

R. GTZ Inv#3569

Form Review

Inbox
Budget & Management
Final Approval

Reviewed By
Debbie Tamez
Monica Badillo

Date
06/13/2014 04:54 PM
06/13/2014 05:18 PM
Started On: 06/05/2014 03:19 PM

Form Started By: Claudette Guerrero

Final Approval Date: 06/13/2014

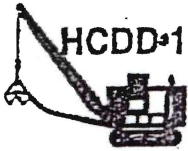
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7083



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/2/14

Engineer/Firm Name: L&G Engineering

Project Name/Number: Mission Inlet Recertification Proj.

Invoice No: #11324850

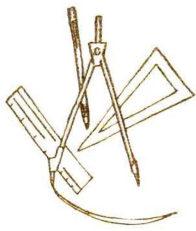
Logged in and Scanned 240 6/2/14 By: Rosalice Forwarded to: Nancy Reyes

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



May 30, 2014

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

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

Job #130204

P.O. #624010

Dear Mr. Garza,

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

The following is attached:


- L&G's Invoice # 11324850
 - CD w/ Inv Back-Up (Elec File Submit)
 - Task 8 & Task 9 (together)

TASK		% COMPL
FC13001 – Task 1 ~ Compilation & Review of Public Records (Appraisal District, Hidalgo County Records, HCDD #1 Easement & Quit Claim Deeds)	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC16104 – Task 2 ~ Georeferencing of Parcels & Survey Plat Information for Overall Existing Floodway/Levee Easement Map	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC11001 – Task 3 ~ Sketching of Parcels & Survey Plats for Floodway/Levee Easements Identified w/ No Survey Info (Using Easement Claim Parameters)	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC10201 – Task 4 ~ Researching & Cross Referencing Latest HC Appraisal District Info w/ Documented Floodway/Levee Easement Data	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC16101 – Task 5 ~ Calculation of Areas of Existing Levee & Floodway Easements for Potential Release of Lien	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC10205 – Task 6 ~ Segmenting, Organizing & Databasing (Electronic & Hard Copies) Existing HCDD #1 Data (Section I, II and III Project Binders)	L&G	100%
Task Complete – See progress report dated February 4, 2014		

FC10204 – Task 7 ~ Support to HCDD #1 on Project Development (i.e. Meetings w/ Land Owners, Coord. w/ County, Coord. w/ Cities, etc.)	L&G	100%
Task Complete – See progress report dated February 4, 2014		
FC16106 – Task 8 ~ Coord. & Supp. to CSE - HEC-HMS, RAS, & SWMM Model	L&G	61.8%
Update – L&G has continued coordination with CSE in the development of the proposed condition model for the Mission Inlet. Various options have been discussed with the design team and we are working to propose the most feasible option for implementation by HCDD#1.		
FC16170 – (SUB) Task 9 ~ Phase II – Proposed Condition H&H Modeling Analysis	CSE	60.9%
Update – See progress report from CSE titled “Mission Inlet Recertification Project – Phase II ~ Monthly Progress Report No.#3 – May 2014” for a detailed explanation of the work that has been completed during this billing period.		
FC10203 – Task 10 ~ Coord. w/ USIBWC/USACE for Cert. of Levee Sections	L&G	10.2%
No Update – See Progress Report Date March 31, 2014		
FC16107 – Task 11 ~ Coord. w/ FEMA for Accreditation of Levee	L&G	10.4%
No Update – See Progress Report Date March 31, 2014		
Direct Expenses	L&G	43.1%
No Update – See Progress Report Date March 31, 2014		

Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 583-7117.

Sincerely,


 Reza Badiozamani, P.E., C.F.M.
 Senior Project Manager
 L&G Engineering

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

INVOICE#: 11324850
INVOICE DATE: 5/31/2014

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

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

JUN 02 2014
11:42 AM / PM
BY: Rosa Arce

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

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of May 2014.						
FC 13001 - Task 1 - Compilation & Review of Public Records	12,004.46	12,004.46		12,004.46	100.0	-
FC 16104 - Task 2 - Georeferencing of Parcels & Survey Plat	13,655.78	13,655.78		13,655.78	100.0	-
FC 11001 - Task 3 - Sketching of Parcels & Survey Plats for F	13,655.78	13,655.78		13,655.78	100.0	-
FC 10201 - Task 4 - Researching & Cross Referencing Latest HC	9,878.66	9,878.66		9,878.66	100.0	-
FC 16101 - Task 5 - Calculation of Areas of Existing Levee &	10,429.26	10,429.26		10,429.26	100.0	-
FC 10205 - Task 6 - Segmenting, Organizing & Databasing	8,753.46	8,753.46		8,753.46	100.0	-
FC 10204 - Task 7 - Support to HCDD#1 on Project Development	58,837.20	58,837.20		58,837.20	100.0	-
FC 16106 - Task 8 - Coordination and Support to Hydraulic Eng	39,691.72	15,425.24	9,103.82	24,529.06	61.8	15,162.66
FC 16170 - Task 9 - SUB/Phase II - Proposed Conditions H&H Mo	394,813.00	149,548.00	90,963.60	240,511.60	60.9	154,301.40
FC 10203 - Task 10 - Coordination with USIBWC/USACE for Certi	19,270.72	1,969.59		1,969.59	10.2	17,301.13
FC 16107 - Task 11 - Coordination with FEMA for Accreditation	11,267.32	1,169.25		1,169.25	10.4	10,098.07
FC 16109 - Task 12 - Development of Proposed Conditions Graph	12,830.52			0.00	0.0	12,830.52
FC 11004 - Task 13 - Development of Final Proposed Conditions	33,989.56			0.00	0.0	33,989.56
FC 16401 - Task 14 - Preliminary Engineering Report Summarizi	18,782.74			0.00	0.0	18,782.74
FC 16108 - Task 15 - Coordination and Support to Hydraulic En	21,321.50			0.00	0.0	21,321.50
FC 11040 - Task 16 - Sub/Phase III - Conditional Letter of Ma	212,227.00			0.00	0.0	212,227.00
FC 16301 - Task 17 - Development of Final Binder w/All Data.	15,768.92			0.00	0.0	15,768.92
	907,177.60	295,326.68	100,067.42	395,394.10		511,783.50
Direct Expenses	16,250.00	6,998.82		6,998.82	43.1	9,251.18
	16,250.00	6,998.82	0.00	6,998.82		9,251.18
TOTALS:	923,427.60	302,325.50	100,067.42	402,392.92	43.6	521,034.68

ORIGINAL CONTRACT SUM	\$ 923,427.60
CHANGE BY CHANGE ORDER	\$ 0.00
CONTRACT SUM TO DATE	\$ 923,427.60
TOTAL COMPLETED TO DATE	\$ 402,392.92
LESS PREVIOUS INVOICES	\$ 302,325.50
CURRENT PAYMENT DUE	\$ 100,067.42


PROJECT MANAGER'S SIGNATURE

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

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

JUN 02 2014

11:42 AM / PM

BY: Rosa Rice

Project Workhour Report

Mission Inlet Recert. Project WA#4

Reference: Inv#11324850

Date: 05/31/2014

P.O.#624010

	Hrs		Rate	Total
Senior Project Manager	16.00	X	212.59	\$3,401.44
Senior Engineer	20.00	X	175.07	\$3,501.40
Design Engineer	14.00	X	112.55	\$1,575.70
Senior Engineer Tech	8.00	X	78.16	\$625.28
ROW Administrator	0.00	X	106.29	\$0.00
Admin/Clerical	0.00	X	56.27	\$0.00

Grand Total of Hours

\$ 9,103.82

(Difference due to rounding hours)

\$ -

Invoice Summary

Man Hours

\$ 9,103.82

Sub Contract

\$ 90,963.60

(See Attached Sub Invoice for Man Hour Breakdown)

Direct Expenses

Current

Units Rate

30 ft. Long by 3 ft. Tall Schematic Exhibit (90sq. Ft) @\$5.00/sq. ft

0 X 1,350.00 \$ -

8.5 X 11 Copies (i.e. Section I, II, III Inventory Binders) - (4,000 units)

0 X 2,000.00 \$ -

Travel

0 X 2,500.00 \$ -

\$ -

(Difference due to rounding)

\$ -

Total Per Invoice Submitted

\$ 100,067.42



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


INVOICE

Engineering Services
 Mission Inlet Recertification Project - Phase II

L&G Engineering 2100 W. Expressway 83 Mercedes, Texas 78570 Attention: Mr. Reza Badiozzamani, P.E.	CSE Invoice Number: 201423 CSE Project Number: LG2013013 Invoice Period: 04/26/2014 Through 05/25/2014 Invoice Date: May 25, 2014
---	--

Contract Amount \$607,040.00	Contract Amount Remaining \$366,528.40
--	--

Employee Classification	Rate	Previous		This Period		To Date	
		Hr	Total	Hr	Total	Hr	Total
Project Manager	\$178.36	160.0	\$28,537.60	70.0	\$12,485.20	230.0	\$41,022.80
Project Engineer	\$164.64	560.0	\$92,198.40	410.0	\$67,502.40	970.0	\$159,700.80
GIS Specialist	\$137.20	210.0	\$28,812.00	80.0	\$10,976.00	290.0	\$39,788.00
Subtotal			\$149,548.00		\$90,963.60		\$240,511.60

Deren Li, Ph.D., P.E., D.WRE Project Manager 	TOTAL FEE EARNED:	\$240,511.60
	LESS PREVIOUSLY INVOICED:	\$149,548.00
	TOTAL AMOUNT DUE THIS INVOICE:	\$90,963.60

**Mission Inlet Recertification Project – Phase II
Monthly Progress Report No. #3 – May 2014**

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

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

I. ALTERNATIVE COMPONENT AND PLAN ANALYSIS

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

II. CONDITIONAL LETTER OF MAP REVISION (CLOMR)

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

PROGRESS TO REPORT FOR THIS PERIOD

I. ALTERNATIVE COMPONENT AND PLAN ANALYSIS

Activity 1 – Coordination and meetings

Coordination with HCDD1 and L&G on alternative components and plans

Activity 2 – Proposed conditions HEC-HMS modeling analysis

Evaluate potential detention sites and inline storage

Activity 3 – Proposed conditions HEC-RAS modeling analysis

Developed and performed 1-D HEC-RAS modeling analysis

Activity 4 – 1D and 2D SWMM modeling analysis

Evaluate components and plans 2D SMMM modeling analysis

Activity 5 – Perform constrains and opportunities analysis

Evaluate potential lateral flow reduction plans.

Activity 6 – Alternative plan formulation

Formulated alternative plans and evaluate effectives of each plan

Activity 7 – Alternative evaluation and optimization

Performed alternative plan analyses

Activity 8 – Flood hazard mapping

Performed flood hazard depth mapping

Activity 9 – Cost estimation

Activity 10 – Technical report.

II. CONDITIONAL LETTER OF MAP REVISION (CLOMR)

Activity 1 -Coordination with FEMA and other relevant agencies.

Activity 2 - Prepare MT-2 application forms.

Activity 3 -Prepare narrative on project and submittal.

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

Activity 5 - Prepare hydraulic computations along with the digital files of computer models used.

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

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

Activity 8 - Address FEMA comments

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

302 NORTH DOUGLASS

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7083



GOFFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/3/14

Engineer/Firm Name: TEDI

Project Name/Number: Delta Area Watershed

Invoice No: #20141914

Logged in and Scanned: 203 6/3/14 By: Rosa Arce Forwarded to: Norman Reyes

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

TEDSI

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

Letter of
Transmittal

TO:

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

DATE:

May 27, 2014

REF.:

Delta Area Watershed April Invoice

TEDSI PROJECT NO.:

2013-1128-08

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

COPIES	DESCRIPTION
1	Invoice No. 20141914 for Project No. 2013-1128-08
1	Progress Report No. 006
1	Project Progress Report
1	CD PDF Files

REMARKS:

Thank you,

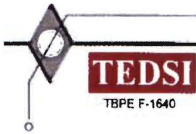
RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUN 03 2014

10:01 AM PM

BY: Rosa Arce

Signed: for: Clay
Mark W. Lupher, P.E., RPLS



TEDSI INFRASTRUCTURE GROUP

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

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

May 21, 2014
Project No: 2013-1128-08
Invoice No: 20141914

JUN 03 2014

1004 AM/PM

BY: Rosa Arce

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

Project 2013-1128-08

Lower Rio Grande Valley Regional Water Management Program - General Management Consultant

**Precinct No. 1 2012 Bond Referendum
General Engineering Management Services
Account No. 13-133-433-360-010-000-43340
P. O. No. 623578
Work Authorization No. 8**

Professional Services from April 01, 2014 to April 30, 2014

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Preliminary Planning & Development	856,165.48	48.49	415,154.64	360,873.75	54,280.89
Preliminary Engineering	261,709.66	4.06	10,625.41	10,075.82	549.59
Expenses	524,590.34	37.7059	197,801.51	197,801.51	0.00
Total Fee	1,642,465.48		623,581.56	568,751.08	54,830.48
Total Fee					54,830.48

Billing Summary

	Current	Prior	To-Date
Total Billings	54,830.48	568,750.86	623,581.34
Total Fee			1,642,465.48
Remaining Fee			1,018,884.14

Total this Invoice \$54,830.48

Outstanding Invoices

Number	Date	Balance
20141880	4/23/2014	60,548.46
Total		60,548.46

Total Now Due \$115,378.94

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

Authorized By: _____

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

Date: _____

5.21.14

PROGRESS REPORT NO. 006

Progress Period April 1, 2014 Through April 30, 2014

DESCRIPTION	ESTIMATED COST	PERCENT COMPLETE	INVOICE TO DATE	PREVIOUS INVOICE	AMOUNT DUE
I. GCM FOR ENGINEERING MANAGEMENT					
(A) PRELIMINARY PROJECT PLANNING AND DEVELOPMENT					
(1) Administrative Policy & Procedures	\$105,432.80	80.62%	\$85,000.00	\$69,811.53	\$15,188.47
(2) Project Development Schedule	\$53,143.60	84.68%	\$45,000.00	\$30,594.63	\$14,405.37
(3) Construction Estimate	\$50,894.20	0.00%	\$0.00	\$0.00	\$0.00
(4) QC/QA Program Development	\$51,885.22	83.89%	\$43,525.00	\$38,080.07	\$5,444.93
(5) Subcontract Administration	\$49,684.28	90.00%	\$44,715.85	\$44,715.85	\$0.00
(6) Funding Source	\$119,911.08	28.82%	\$34,555.00	\$29,977.77	\$4,577.23
(7) Capital Improvement Program	\$129,253.80	0.00%	\$0.00	\$0.00	\$0.00
(8) Management/ Coordination of Engineering Activities	\$133,975.80	48.65%	\$65,180.00	\$53,590.32	\$11,589.68
(9) Implementation of QC/QA Program	\$46,927.50	16.55%	\$7,767.96	\$4,692.75	\$3,075.21
(10) Computer Database Development Platform	\$115,057.20	84.44%	\$97,157.44	\$97,157.44	\$0.00
SUB TOTAL I.A					
	\$856,165.48	49.39%	\$422,901.25	\$38,527.45	\$54,280.89
(B) PRELIMINARY ENGINEERING					
(1) Preliminary Concept Conference	\$57,250.80	4.07%	\$2,329.21	\$2,329.21	\$0.00
(2) Management/Coordination of Engineering	\$42,799.96	18.10%	\$7,746.61	\$7,746.61	\$0.00
(3) Implementation of QA/QC Program	\$36,624.10	1.50%	\$549.59	\$0.00	\$549.59
(4) Preparation of " <i>Preliminary Engineering</i> "	\$84,677.60	0.00%	\$0.00	\$0.00	\$0.00
(5) Coordination with all Reviewing Agencies	\$40,357.20	0.00%	\$0.00	\$0.00	\$0.00
SUB TOTAL I.B					
	\$261,709.66	4.06%	\$10,625.41	\$0.00	\$549.59
TOTAL LABOR COSTS					
	\$1,117,875.14	\$0.53	\$433,526.66	\$38,527.45	\$54,830.48

PROGRESS REPORT NO. 006

Progress Period April 1, 2014 Through April 30, 2014

DESCRIPTION	ESTIMATED COST	PERCENT COMPLETE	INVOICE TO DATE	PREVIOUS INVOICE	AMOUNT DUE
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DIRECT EXPENSES

TRAVEL					
Lodging/Hotel (Austin)	\$648.00	0.00%	\$0.00	\$0.00	\$0.00
Lodging/Hotel Taxes/fees (Austin @ 9%)	\$58.32	0.00%	\$0.00	\$0.00	\$0.00
Per Diem (Austin)	\$426.00	0.00%	\$0.00	\$0.00	\$0.00
Lodging/Hotel (Washington DC)	\$1,356.00	0.00%	\$0.00	\$0.00	\$0.00
Lodging/Hotel Taxes/fees (Washington DC @	\$196.62	0.00%	\$0.00	\$0.00	\$0.00
Per Diem (Washington DC)	\$426.00	0.00%	\$0.00	\$0.00	\$0.00
Mileage	\$5,650.00	0.00%	\$0.00	\$0.00	\$0.00
Rental Car (Taxes/Fees not included; Insurance	\$450.00	0.00%	\$0.00	\$0.00	\$0.00
Rental Car Fuel	\$299.40	0.00%	\$0.00	\$0.00	\$0.00
Air Travel -In State- Short Notice (Coach)	\$6,000.00	0.00%	\$0.00	\$0.00	\$0.00
Air Travel - Out of State - Short Notice (Coach)	\$9,000.00	0.00%	\$0.00	\$0.00	\$0.00
Luggage (with air travel)	\$1,200.00	0.00%	\$0.00	\$0.00	\$0.00
Parking	\$420.00	0.00%	\$0.00	\$0.00	\$0.00
Taxi/Cab fare	\$480.00	0.00%	\$0.00	\$0.00	\$0.00
Internet	\$270.00	0.00%	\$0.00	\$0.00	\$0.00
Telephone	\$2,700.00	0.00%	\$0.00	\$0.00	\$0.00
Conference Calls	\$12,000.00	0.00%	\$0.00	\$0.00	\$0.00
Postage & Shipping	\$9,600.00	0.00%	\$0.00	\$0.00	\$0.00
Overnight Mail - letter size	\$1,800.00	0.00%	\$0.00	\$0.00	\$0.00
Overnight Mail - oversized box	\$3,000.00	0.00%	\$0.00	\$0.00	\$0.00
Courier Services	\$1,200.00	0.00%	\$0.00	\$0.00	\$0.00

COMPUTER SYSTEM

GIS Server, Web Hosting, Work Stations, Software, Licensing, Plotter, Printers, etc.	\$382,990.00	51.65%	\$197,801.29	\$197,801.29	\$0.00
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PROGRESS REPORT NO. 006


Progress Period April 1, 2014 Through April 30, 2014

DESCRIPTION	ESTIMATED COST	PERCENT COMPLETE	INVOICE TO DATE	PREVIOUS INVOICE	AMOUNT DUE
PRINTING					
Photocopies B/W (8 1/2" X 11")	\$1,050.00	0.00%	\$0.00	\$0.00	\$0.00
Photocopies B/W (11" X 17")	\$1,650.00	0.00%	\$0.00	\$0.00	\$0.00
Photocopies Color (8 1/2" X 11")	\$1,800.00	0.00%	\$0.00	\$0.00	\$0.00
Photocopies Color (11" X 17")	\$6,750.00	0.00%	\$0.00	\$0.00	\$0.00
Digital Ortho Plotting (on bond)	\$10,000.00	0.00%	\$0.00	\$0.00	\$0.00
Bond Paper Plot (Blueline/Blackline)	\$4,500.00	0.00%	\$0.00	\$0.00	\$0.00
Plots (B/W on Bond)	\$12,000.00	0.00%	\$0.00	\$0.00	\$0.00
Plots (Color on Bond)	\$8,000.00	0.00%	\$0.00	\$0.00	\$0.00
Plots (Color on Photographic Paper)	\$5,000.00	0.00%	\$0.00	\$0.00	\$0.00
Mounting Color Graphics on Foam Board	\$10,000.00	0.00%	\$0.00	\$0.00	\$0.00
Presentation Boards 30" X 40" Color Mounted	\$4,200.00	0.00%	\$0.00	\$0.00	\$0.00
Report Binding	\$1,200.00	0.00%	\$0.00	\$0.00	\$0.00
Notebooks	\$720.00	0.00%	\$0.00	\$0.00	\$0.00
Reproduction of CD/DVD	\$15,500.00	0.00%	\$0.00	\$0.00	\$0.00
CDs	\$1,550.00	0.00%	\$0.00	\$0.00	\$0.00
4" X 6" Digital Color Print	\$500.00	0.00%	\$0.00	\$0.00	\$0.00

TOTAL DIRECT EXPENSES	\$524,590.34	37.71%	\$197,801.29	\$197,801.29	\$0.00
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TOTAL (LABOR AND DIRECT EXPENSES)	\$1,642,465.48	38.44%	\$631,327.95	\$236,328.74	\$54,830.48
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TOTAL INVOICE AMOUNT DUE: \$54,830.48

 TEDSI INFRASTRUCTURE GROUP <i>Consulting Engineers</i> TEDSI <small>TBPE F-1640</small>	<h1>Project Progress Report</h1>
TO: Hidalgo County Drainage District No. 1	DATE: May 27, 2014
FROM: Mr. Mark Lupher, P.E., Project Manager	TEDSI PROJECT NO.: 2013-1128-08
REFERENCE: Hourly Progress Report	
Progress Report for Invoice No. 20141914, Apr. 01 to Apr. 30, 2014	

- Hourly Report by Week for Mark Corbitt
 - Week of: 04-13-2014
 - Attended meeting regarding the current status of the LRGVWMP minute orders and the proposed Engleman, Delta & Santa Cruz water reclamation locations.

- Hourly Report by Week for Samantha DeLeon
 - Week of: 04-01-2014
 - Compiled meeting minutes from conference call 03-31-2014
 - Received and analyzed data from AMTEST from water sample collection on 03-18-2014
 - Week of: 04-06-2014
 - Create agenda for Meeting 04-14-2014
 - Attended Water Quality Management & Planning Conference
 - Coordination with AMTEST for sample bottles
 - Week of: 04-13-2014
 - Attended group conference call 04-14-2014
 - Compiled meeting minutes for conference call
 - Visited Panchita Structure
 - Created/Updated charts for salinity
 - Created two page update for Mr. Garza for USACE conference
 - Prepared exhibits for USACE conference
 - Week of: 04-20-2014
 - Finalized presentation and two page update for USACE conference
 - Attended meetings to discuss the current status of the LRGVWMP at Melden and Hunt and Delta Irrigation District
 - Attended meeting at UTPA to discuss partnership for collecting water samples
 - Research Irrigation Water Quality - Salinity and TDS are main focus
 - Create charts demonstrating TDS with respect to Water Class
 - Attended Texas Riparian Workshop at AggExtension

- Week Report by Week for Mariano Manzano
 - Week of 04-01-2014
 - Configured GIS MXD for hyperlink to AMTEST water sample results (PDF)
 - Configured GIS Server for water sample hyperlink
 - Week of 04-06-2014
 - Created virtual directories in Web Server for water sample result hyperlink
 - Configured Web Server for water sample hyperlink
 - Week of 04-13-2014
 - Configured link to AMTEST water sample results to GIS Web Application
 - Attended group conference call 04-14-2014
 - Visited Panchita Structure

- Week of 04-20-14
 - Attended Water Quality Management & Planning Conference
 - Attended meetings for discussion of LRGVWMP at Melden and Hunt and Delta Irrigation Districts
 - Attended Texas Riparian Workshop at AggExtension
 - Updated Public Website for LGRVWMP

- Hourly Report by Week for Claudia Garza
 - Week of: 04-01-2014
 - Assisted in processing monthly invoice
 - Week of: 04-06-2014
 - Created Go to Meeting for Conference Call
 - Coordination with AMTEST for sample bottles to get delivered
 - Week of: 04-13-2014
 - Created Go to Meeting for Conference Call
 - Assited Project Manager with administrative duties
 - Week of: 04-20-2014
 - Assited Project Manager with administrative duties

- Hourly Report by Week for Julio Perez
 - Week of: 04-01-2014
 - GIS Data Organization and Support
 - Mapping
 - Week of: 04-06-2014
 - GIS Data Organization and Support
 - Mapping
 - Week of: 04-13-2014
 - GIS Data Organization and Support
 - Mapping
 - Week of: 04-20-2014
 - GIS Data Organization and Support
 - Mapping

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOUGLASS

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7083



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/4/14

Engineer/Firm Name: TEDS I

Project Name/Number: Job Lateral Drain Revisions

Invoice No: # 20141924

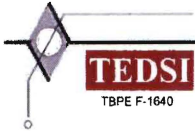
Logged in and Scanned 1007 6/4/14 By: Rosa Arce Forwarded to: Norma Reynou

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

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

May 30, 2014

Project No:

24773-13

Invoice No:

20141924

Ms. Claudette Guerrero
 Hidalgo County Drainage District No. 1
 902 N. Doolittle Rd.,
 Edinburg, TX
 78541

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

Project 24773-13 J-09 Lateral Drain Revisions

Account No. 13-133-433-300-43340
Requisition Number 622583
Work Authorization No. 13
Purchase Order No. 622583

JUN 04 2014

9:38 AM/PM

BY: Rosa Arce

Professional Services from April 01, 2014 to April 30, 2014

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Revisions to H & H	44,141.44	100.00	44,141.44	44,141.44	0.00
Revisions to PS&E	32,856.48	75.00	24,642.36	24,642.36	0.00
Irrigation Line	27,836.68	50.00	13,918.34	13,918.34	0.00
Construction Staking	31,447.50	15.00	4,717.13	4,717.13	0.00
Const. Management - Inspection	43,843.60	0.00	0.00	0.00	0.00
Revisions ROW Parcels	68,800.00	100.00	68,800.00	68,800.00	0.00
ROW Acquisition & Negotiations	166,400.00	68.00	113,152.00	99,840.00	13,312.00
Ph 2 Multiple PS&E Packages	42,000.00	0.00	0.00	0.00	0.00
Ph 1 Construction Materials Testing	22,264.00	14.00	3,116.96	0.00	3,116.96
Ph 1 Construction Management & Inspection	12,144.00	35.00	4,250.40	4,250.40	0.00
Ph 2 Construction Points & BM	40,000.00	100.00	40,000.00	40,000.00	0.00
Ph 2 Additional Field Surveying	32,000.00	66.00	21,120.00	13,843.20	7,276.80
Ph 2 Construction Material Testing	140,000.00	0.00	0.00	0.00	0.00
Ph 2 Construction Management & Inspection	60,000.00	0.00	0.00	0.00	0.00
Total Fee	763,733.70		337,858.63	314,152.87	23,705.76
		Total Fee			23,705.76

Billing Summary

	Current	Prior	To-Date
Total Billings	23,705.76	314,152.87	337,858.63
Total Fee			763,733.70
Remaining Fee			425,875.07

Total this Invoice **\$23,705.76**


Outstanding Invoices

Number	Date	Balance
20141878	4/24/2014	62,810.73
Total		62,810.73

Total Now Due **\$86,516.49**

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: _____

5.30.14

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

5022 NORTH DOOLITTLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7083



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Date Received: 6/3/14

Engineer/Firm Name: TECSI

Project Name/Number: Delta Watershed PER

Invoice No: #20141923

Logged in and Scanned: lrd 6/3/14 By: Rosa Orce Forwarded to: Norma Reynon

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

TEDSI

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

Letter of
Transmittal

TO: Ms. Claudette Guerrero Hidalgo County Drainage District No. 1 902 N. Doolittle Road Edinburg, Texas 78542	DATE: June 2, 2014
---	-----------------------

REF.: Delta Watershed PER April Invoice	TEDSI PROJECT NO.: 2013-1128-13
--	------------------------------------

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

COPIES	DESCRIPTION
1	Invoice No. 20141923 for Project No. 2013-1128-13
1	Progress Report No. 006
1	CD PDF Files

REMARKS:

Thank you,

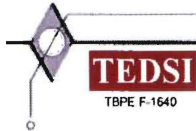
RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUN 03 2014

1000 AM/PM

BY: Rosa Arce

Signed: *for: Clay*
Mark W. Lupher, P.E., RPLS



TEDSI INFRASTRUCTURE GROUP

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

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

JUN 03 2014

1006 AM / PM

BY: Rosa Arce

May 30, 2014

Project No:

Invoice No:

2013-1128-13

20141923

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. No. 623666
Account Number 13-133-433-360-4330-010-000

Professional Services from April 01, 2014 to April 30, 2014

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Preliminary Engineering Report	71,922.36	100.00	71,922.36	66,362.76	5,559.60
Data Collection	42,610.70	71.98	30,671.18	29,137.20	1,533.98
Geographical Information	80,256.16	74.65	59,911.22	59,911.22	0.00
Hydrologic Analysis Verification	68,952.49	28.66	19,761.78	15,576.37	4,185.41
Hydraulic Analysis Verification	68,952.49	33.03	22,775.01	17,424.29	5,350.72
Flood Plain Mapping Verification	100,097.80	0.00	0.00	0.00	0.00
Raw Water Collection	161,061.24	2.31	3,720.51	3,720.51	0.00
Alternate Solutions	70,599.48	0.00	0.00	0.00	0.00
Geotechnical Investigations Reports	61,494.09	91.2389	56,106.53	56,106.53	0.00
Final Report	150,648.64	0.00	0.00	0.00	0.00
Total Fee	876,595.45		264,868.59	248,238.88	16,629.71
Total Fee					16,629.71
Total this Phase					\$16,629.71

Phase 700 Hydrologic & Hydraulic (CSE)

Consultants

Reimbursable Consultants Expense			
4/30/2014	Civil Systems Engineering, Inc. - Invoice No. 201442		68,051.20
Total Consultants			68,051.20
		Total this Phase	\$68,051.20

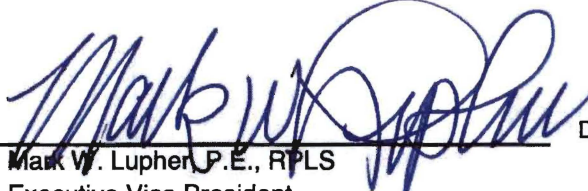
Billing Summary

	Current	Prior	To-Date	
Total Billings	84,680.91	509,810.68	594,491.59	
Total Fee			1,562,552.45	
Remaining Fee			968,060.86	
		Total this Invoice		<u>\$84,680.91</u>

Outstanding Invoices

Number	Date	Balance	
20141883	4/28/2014	121,118.36	
Total		121,118.36	
		Total Now Due	\$205,799.27

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

Authorized By:  Date: 5.30.14
Mark W. Luper, P.E., RPLS
Executive Vice President



**Civil Systems
Engineering, Inc.**

TEDSI INFRASTRUCTURE GROUP

Project No. 2013-1128-13 Phase No. 700

Lump Sum Approved Hold

Hourly Rejected Process

Date 5/30/14

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


INVOICE

Engineering Services
LRGWMP - WA#13-P.E.R

TEDSI Infrastructure Group 738 Hwy 6 South, Suite 430 Houston, Texas 77079 Attention: Mr. Mark Lupher, P.E.	CSE Invoice Number: 201422 CSE Project Number: TEDSI2013020 Invoice Period: 4/1/2014 Through 4/30/2014 Invoice Date: May 25, 2014
--	--

Contract Amount \$685,957.00	Contract Amount Remaining \$356,334.00
--	--

Employee Classification	Rate	Previous		This Period		To Date	
		Hr	Total	Hr	Total	Hr	Total
Project Manager	\$178.36	345.0	\$61,534.20	80.0	\$14,268.80	425.0	\$75,803.00
Project Engineer	\$164.64	790.0	\$130,065.60	210.0	\$34,574.40	1,000.0	\$164,640.00
GIS Specialist	\$137.20	510.0	\$69,972.00	140.0	\$19,208.00	650.0	\$89,180.00
Subtotal			\$261,571.80		\$68,051.20		\$329,623.00

Deren Li, Ph.D., P.E., D.WRE Project Manager 	TOTAL FEE EARNED:	\$329,623.00
	LESS PREVIOUSLY INVOICED:	\$261,571.80
	TOTAL AMOUNT DUE THIS INVOICE:	\$68,051.20

LRGVWMP – WA#13 – P.E.R
Monthly Progress Report No. #6 – April 2014

Period of Coverage: April, 2014
Date of Submittal: June 2, 2014
Submitted To: Claudette Guerrero
PREPARED BY: Mark Lupher, P.E., TEDSI Infrastructure, Inc.

This study covers the following activities:

1. Coordination and meetings
2. Data collection and assimilation
3. Site visits/field reconnaissance
4. LiDAR topographic data processing
5. Watershed & subbasin delineations
6. Estimation of subwatershed & hydrologic parameters
7. Land use data processing
8. HEC-HMS modeling analysis
9. Main Floodwater Channel cross section topographic data manipulation and preparation
10. GeoRAS processing for HEC-RAS development
11. HEC-RAS model development and modeling analysis
12. Downstream flow requirements (downstream of Pachita Flood Gate).
13. Floodwater diversion and detention alternative analysis
14. Risk based economic analysis of flood damage analysis
15. Floodplain delineation/mapping
16. Water sources and water availability analysis.
17. Hydraulic analysis of preliminary alternative water development strategy
18. Draft H&H Report

PROGRESS TO REPORT FOR THIS PERIOD

Activity 1 – Coordination and Meetings

Coordination with HCDD1, TCEQ, TWDB, Texas A&M and Project team meetings.

Activity 2 – Data Collection and Assimilation

Nueces Rio Grande Basin WAM modeling data for Run 8.

Activity 3 – Site Visits and Filed reconnaissance

Panchita structure

Activity 4 – LiDAR topographic data processing

Activity 5 – Watershed & subbasin delineations

Updated preliminary subbasin delineations for the Main Floodwater Channel Watershed.

Activity 6 – Estimation of subwatershed & hydrologic parameters

Activity 7 – Land use data processing

Activity 8 –HEC-HMS Modeling Analysis

Activity 9 – Main Floodwater Channel cross section topographic data manipulation and preparation

Activity 10 – GeoRAS processing for HEC-RAS development

Activity 11 – HEC-RAS model development and modeling analysis

Activity 12 – Downstream flow requirements (downstream of Pachita Flood Gate).

Activity 13 – Floodwater diversion and detention alternative analysis

Activity 14 – Risk based economic analysis of flood damage analysis

Activity 15 – Floodplain delineation/mapping

FEMA effective floodplain mapping.

Activity 16 – Water sources and water availability analysis.

Performed simulations to generate naturalized flows and unappropriated flows at control point W20170 based on 51 years of monthly flow data for Run 3 and Run 8. Water rights investigation. Prepared data for meeting at TCEQ.

Activity 17 – Hydraulic analysis of preliminary alternative water development strategy

Activity 18 – Draft H&H report.

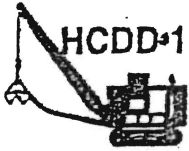
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

902 NORTH DOUGLASS

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7083



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received: 6/3/14

Engineer/Firm Name: TEPSI

Project Name/Number: Delta Watershed Legal Water Rights Proj.

Invoice No: #20141917

Logged in and Scanned: 1031 6/3/14 By: Rosa Arce Forwarded to: Norma Reyna

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

TEDSI

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

Letter of Transmittal

TO: Ms. Claudette Guerrero Hidalgo County Drainage District No. 1 902 N. Doolittle Road Edinburg, Texas 78539	DATE: May 27, 2014
---	-----------------------

REF.: Delta Watershed Legal Water Rights Project April Invoice	TEDSI PROJECT NO.: 2013-1128-12
---	------------------------------------

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

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

COPIES	DESCRIPTION
1	Invoice No. 20141917 for Project No. 2013-1128-12 along with Timesheets Progress Report No. 006

REMARKS:

Thank you,

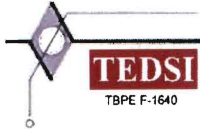
RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

JUN 03 2014

11:01 AM PM

BY: Rosa Arce

Signed: for: Clay
Mark W. Lupher, P.E., RPLS



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

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

May 21, 2014

Project No:

2013-1128-12

Invoice No:

20141917

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, 2014 to April 30, 2014

Phase 100 Legal Services Support

Professional Personnel

	Hours	Rate	Amount	
Project Manager (VIII)				
Lupher, Mark	10.00	232.61	2,326.10	
GIS System Manager				
Manzano, Mariano	4.00	175.00	700.00	
Sr. GIS Designer				
Perez, Julio	4.00	135.00	540.00	
Totals	18.00		3,566.10	
Total Labor				3,566.10

Reimbursable Expenses

Reimbursable Delivery Charges				
4/4/2014	Lone Star Overnight - Airbill No. ZR071929		3.60	
Total Reimbursables			3.60	3.60

Billing Summary

	Current	Prior	To-Date	
Total Billings	3,569.70	16,962.44	20,532.14	
Total Fee			29,063.14	
Remaining Fee			8,531.00	
				Total this Phase
				\$3,569.70

Phase 200 Water Rights - BBS, PC

Consultants

Reimbursable Consultants Expense				
4/30/2014	Beatty Bangle Starma, PC - Invoice No. 16330		7,050.00	
Total Consultants			7,050.00	7,050.00

Billing Summary

	Current	Prior	To-Date	
Consultants	7,050.00	25,950.00	33,000.00	
Total Fee			90,000.00	
Remaining Fee			57,000.00	

Project	2013-1128-12	LRGVRWMP - Legal	Invoice	20141917
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Total this Phase \$7,050.00

Phase 300 Water Rights - BHDA, LLP

Consultants

Reimbursable Consultants Expense

4/30/2014	Bickerstaff Heath Delgado - Invoice No. 94352 Acosta LLP	2,910.00
-----------	---	----------

Total Consultants	2,910.00	2,910.00
--------------------------	-----------------	-----------------

Billing Summary

	Current	Prior	To-Date
Consultants	2,910.00	26,214.14	29,124.14
Total Fee			65,400.00
Remaining Fee			36,275.86

Total this Phase \$2,910.00

Total this Invoice \$13,529.70

Outstanding Invoices

Number	Date	Balance
20141882	4/23/2014	4,237.88
Total		4,237.88

Total Now Due \$17,767.58

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:

5.21.14

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

JUN 03 2014

11:01 AM/PM

BY: Rosa Que

Billing Backup

TEDSI Infrastructure Group

Invoice 20141917 Dated 5/21/2014

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

Phase 100 Legal Services Support

Professional Personnel

			Hours	Rate	Amount	
Project Manager (VIII)						
204 - Lupher, Mark	4/22/2014		2.00	232.61	465.22	
204 - Lupher, Mark	4/23/2014		2.00	232.61	465.22	
204 - Lupher, Mark	4/24/2014		2.00	232.61	465.22	
204 - Lupher, Mark	4/30/2014		4.00	232.61	930.44	
GIS System Manager						
501 - Manzano, Mariano	4/25/2014		4.00	175.00	700.00	
Sr. GIS Designer						
702 - Perez, Julio	4/25/2014		4.00	135.00	540.00	
	Totals		18.00		3,566.10	
	Total Labor					3,566.10

Reimbursable Expenses

Reimbursable Delivery Charges						
	4/4/2014	Lone Star Overnight / Airbill No. ZR071929 /			3.60	
	Total Reimbursables				3.60	3.60
					Total this Phase	\$3,569.70

Phase 200 Water Rights - BBS, PC

Consultants

Reimbursable Consultants Expense						
	4/30/2014	Beatty Bangle Starma, PC / Invoice No. 16330			7,050.00	
	Total Consultants				7,050.00	7,050.00
					Total this Phase	\$7,050.00

Phase 300 Water Rights - BHDA, LLP

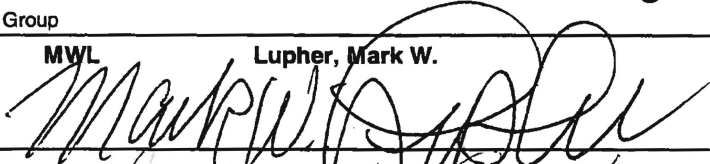

Consultants

Reimbursable Consultants Expense						
	4/30/2014	Bickerstaff Heath Delgado Acosta LLP / Invoice No. 94352			2,910.00	
	Total Consultants				2,910.00	2,910.00
					Total this Phase	\$2,910.00
					Total this Project	\$13,529.70
					Total this Report	\$13,529.70

Detailed Timesheet for the Period Ending 4/26/2014

Thursday, May 01, 2014
8:53:20 AM

TEDSI Infrastructure Group

Employee MWL Lupher, Mark W.
Signed 
Approved 
 Castillo, Diane S.

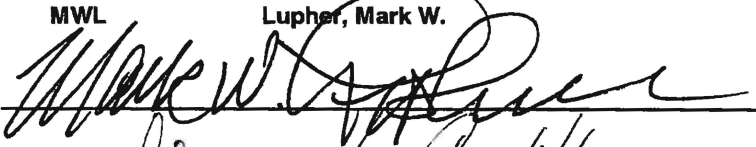

Posted

Office	HOU		Total Hr	Sun 4/20	Mon 4/21	Tue 4/22	Wed 4/23	Thu 4/24	Fri 4/25	Sat 4/26
2013-1128-07 100	Spanish Palms Basic Services	0300 Reg	4.0		4.0					
2013-1128-11 100	LRGVRWMP - Environmental Environmental - TEDSI	0300 Reg	12.0			4.0	4.0	4.0		
2013-1128-12 100	LRGVRWMP - Legal Legal Services Support	0150 Reg	6.0			2.0	2.0	2.0		
2013-1128-13 500	LRGVRWMP - P.E.R. Hydraulic Analysis Verifications	0210 Reg	14.0		5.0	3.0	3.0	3.0		
84000-6	Jury Duty	0120 Reg	4.0						4.0	
DAILY TOTALS			Reg	40.0	9.0	9.0	9.0	9.0	4.0	

Detailed Timesheet for the Period Ending 5/3/2014

Wednesday, May 07, 2014
10:24:53 AM

TEDSI Infrastructure Group

Employee **MWL** **Lupher, Mark W.**
 Signed 
 Approved 
 Castillo, Diane S.

Posted

Office **HOU**

		Total Hr	Sun 4/27	Mon 4/28	Tue 4/29	Wed 4/30	Thu 5/1	Fri 5/2	Sat 5/3
2013-1128-11	LRGVRWMP - Environmental								
100	Environmental - TEDSI								
0210	Reg	23.0		9.0	9.0	5.0			
2013-1128-12	LRGVRWMP - Legal								
100	Legal Services Support								
0150	Reg	17.0				4.0	9.0	4.0	
DAILY TOTALS									
	Reg	40.0		9.0	9.0	9.0	9.0	4.0	

Detailed Timesheet for the Period Ending 4/26/2014

Thursday, May 01, 2014
9:00:54 AM

TEDSI Infrastructure Group

Employee **M_M** **Manzano, Mariano**

Signed

[Handwritten Signature]

Approved

[Handwritten Signature]
Castillo, Diane S.

Posted

Office **MIS**

		Total Hr	Sun 4/20	Mon 4/21	Tue 4/22	Wed 4/23	Thu 4/24	Fri 4/25	Sat 4/26
2013-1128-08 100	LRGVRWMP - GMC Preliminary PP&D								
0210	Reg	18.0			9.0	9.0			
2013-1128-11 100	LRGVRWMP - Environmental Environmental - TEDSI								
0210	Reg	9.0					9.0		
2013-1128-12 100	LRGVRWMP - Legal Legal Services Support								
0210	Reg	4.0						4.0	
84000-4	Paid Time Off								
0120	Reg	9.0		9.0					
DAILY TOTALS									
	Reg	40.0		9.0	9.0	9.0	9.0	4.0	

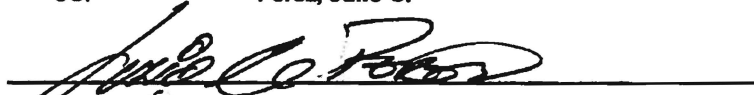
Detailed Timesheet for the Period Ending 4/26/2014

Thursday, May 01, 2014
10:08:38 AM

TEDSI Infrastructure Group

Employee **JCP** **Perez, Julio C.**

Signed



Approved



Castillo, Diane S.

Posted

Office **MIS**

			Total Hr	Sun 4/20	Mon 4/21	Tue 4/22	Wed 4/23	Thu 4/24	Fri 4/25	Sat 4/26
2013-1128-08	LRGVRWMP - GMC									
100	Preliminary PP&D									
0210	Reg	13.5		9.0		4.5				
2013-1128-11	LRGVRWMP - Environmental									
100	Environmental - TEDSI							9.0		
0210	Reg	9.0								
2013-1128-12	LRGVRWMP - Legal									
100	Legal Services Support								4.0	
0210	Reg	4.0								
2013-1128-13	LRGVRWMP - P.E.R.									
100	Preliminary Engineering Report									
0210	Reg	13.5			9.0	4.5				
DAILY TOTALS			40.0		9.0	9.0	9.0	9.0	4.0	



2013-1128-12

BBS BEATTY
BANGLE
STRAMA PC

April 30, 2014

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

Invoice No.16330

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>
03/31/14	ELIII Conference call.	1.00	300.00/hr	300.00
04/02/14	ELIII Prepare and submit water brief.	2.00	300.00/hr	600.00
04/07/14	ELIII Review Santa Cruz MOU; various correspondence with team to discuss pending matters.	1.50	300.00/hr	450.00
04/08/14	ELIII Review Santa Cruz MOU; various correspondence with team to discuss pending matters.	0.50	300.00/hr	150.00
04/09/14	ELIII Conference call and planning meeting with TEDSI regarding pending matters ie. amendment application, TWDB funding opportunities; conference all with Region M consultant to discuss amendment process.	1.50	300.00/hr	450.00
04/11/14	ELIII Review correspondence and attached supporting material send by Region M regarding the parameters and guidelines for amendment adoption.	0.75	300.00/hr	225.00
04/22/14	ELIII Correspondence regarding comments from TCEQ on amendment proposal; communication with client and Black and Veatch.	1.00	300.00/hr	300.00

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

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

		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
04/23/14	ELIII Phone call with regional planning group administrator and phone call with Mark Lupher, regarding pending questions for amendment process.	1.00	300.00/hr	300.00
04/24/14	ELIII Phone call with Sara Eatman regarding pending matters for amendment proposal hearing.	0.50	300.00/hr	150.00
04/25/14	ELIII Correspondence with Region M regarding status of request to be categorized as a Wholesale Water Provider.	1.00	300.00/hr	300.00
04/28/14	ELIII Meeting with Mark Lupher, preparation for presentation to RWPG, call with Emily Rodgers; call with TWDB.	4.75	300.00/hr	1,425.00
04/29/14	ELIII Preparation for RWPG amendment presentation, phones calls with Mark Lupher, Emily Rogers and Darren, meeting at TEDSI offices; phone call with TCEQ; conference call with Godfrey Garza.	4.50	300.00/hr	1,350.00
04/30/14	ELIII Region M meeting for amendment presentation and adoption.	3.50	300.00/hr	1,050.00
For professional services rendered		<u>23.50</u>		<u>\$7,050.00</u>

Previous balance	\$10,300.00
Accounts receivable transactions	
4/14/2014 Payment - Thank You(No. 48863)	(\$7,450.00)
Balance due	<u>\$9,900.00</u>

Current	30 Days	60 Days	90 Days	120+ Days
\$7,050.00	\$2,850.00	\$0.00	\$0.00	\$0.00



2013-1128-12

Bickerstaff Heath Delgado Acosta LLP

11 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 19, 2014
Client: 003978
Matter: 000001
Invoice #: 94352
Bill Atty: DM

Page: 1

RE: Drainage Improvements

For Professional Services Rendered Through April 30, 2014

SERVICES

Date	Person	Description of Services	Hours
4/2/2014	EWR	Telephone call with K. Alexander; email to team regarding same.	0.3
4/7/2014	EWR	Email to TCEQ and team regarding meeting with TCEQ.	0.3
4/8/2014	EWR	Emails regarding meeting with TCEQ.	0.4
4/14/2014	EWR	Telephone call with M. Lupher regarding scalping permits; attend project team conference call; evaluate TCEQ's temporary permit rules; evaluate WAM Run 8 and email D. Li regarding same; prepare and send email regarding scalping and temporary permits.	1.7
4/17/2014	EWR	Prepare summary.	0.5
4/23/2014	EWR	Telephone call with E. Lucio regarding requirements for water rights application; telephone call with R. Smith, TCEQ attorney, regarding same.	0.4
4/28/2014	EWR	Telephone call with D. Li regarding documents; review documents.	1.8
4/29/2014	EWR	Continue to review documents from D. Li; telephone conferences with E. Lucio regarding WAM questions related to Region M approval; telephone call with K. Alexander regarding WAM and the project; begin preparing for group and TCEQ meeting.	3.8
4/30/2014	EWR	Continue preparing for the group and TCEQ meeting; telephone call with M. Lupher.	0.5

May 19, 2014
Client: 003978
Matter: 000001
Invoice #: 94352

Page: 2

SERVICES

Date	Person	Description of Services	Hours	
		Total Professional Services	9.7	\$2,910.00

BILLING RECAP

	Level	Hours	Rate	Amount	
EWR	Emily Rogers	Partner	9.7	\$300.00	\$2,910.00
		Total Services		\$2,910.00	
		Total Current Charges			\$2,910.00

PAY THIS AMOUNT

\$2,910.00

Please Remit Payment to:
Bickerstaff Heath Delgado Acosta LLP
3711 S. Mo-Pac Expy
Building One, Suite 300
Austin, Texas 78746-8023

ZR071929 2013-1128-12 & 2013-1128-14 1 2 H	CLAUDIA GARZA TEDSI INFRASTRUCTURE GROUP 1201 E. EXPRESSWAY 83 MISSION, TX 78572	MS. CLAUDETTE GUERRERO HCDD NO. 1 902 NORTH DOOLITTLE ROAD EDINBURG, TX 78542	2014-04-04 2014-04-07 R.ARCE	End of Day Fuel Surcharge	\$6.88 \$0.51
				Total	\$7.19
ZR082879	CRAIG STONE	MR. JAMES LEE MORRIS			

Page 1 of 1



Lone Star Overnight
1-800-800-8984
www.lso.com

Airbill No. ZR071929

SHIP TO:
MS. CLAUDETTE GUERRERO
HCDD NO. 1
902 NORTH DOOLITTLE ROAD
EDINBURG, TX 78542
9562927080

From:
CLAUDIA GARZA
TEDSI INFRASTRUCTURE GROUP
1201 E. EXPRESSWAY 83
MISSION, TX 78572
9564247898

W

MFE

LSO GROUND
END OF BUSINESS DAY DELIVERY

PRINT DATE: 4/4/2014
QUICKCODE: CLAUD GUERRERO WEIGHT: 1.00LBS
REF 1: 2013-1128-12 & 2013-1128-14 1D00V.0000

H

719

\$ 3.60

PROGRESS REPORT NO. 006

Progress Period April 1, 2014 Through April 30, 2014

DESCRIPTION	ESTIMATED COST	PERCENT COMPLETE	INVOICE TO DATE	PREVIOUS INVOICE	AMOUNT DUE
II. GCM FOR PRELIMINARY PROJECT PLANNING AND DEVELOPMENT					
(5) Water Rights, TEDSI	\$29,063.14	70.57%	\$20,509.55	\$16,943.45	\$3,566.10
(6) Water Rights Sub Consultant BBS, PC	\$90,000.00	36.67%	\$33,000.00	\$25,950.00	\$7,050.00
(7) Water Rights Sub Consultant BHDA, LLP	\$65,400.00	44.53%	\$29,124.14	\$26,214.14	\$2,910.00
Additional Expenses	\$22,000.00	3.12%	\$686.73	\$683.13	\$3.60
SUB TOTAL II					
	\$206,463.14	40.36%	\$83,320.42	\$69,790.72	\$13,529.70

TOTAL LABOR EXPENSES	\$206,463.14	40.36%	\$83,320.42	\$69,790.72	\$13,529.70
-----------------------------	--------------	--------	-------------	-------------	--------------------

TOTAL INVOICE AMOUNT DUE: \$13,529.70

HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

SIC2 NORTH DOGUILLE

EDINBURG, TEXAS 78542

(958) 292-7080

FAX (958) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received: 5/15/14

Engineer/Firm Name: TECSI

Project Name/Number: J-09 Lateral Drain Revisions / Proj# 24773-13

Invoice No: # 20141878

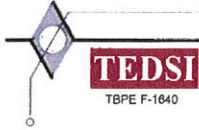
Logged in and Scanned: DPM 5/15/14 By: Rosalce Forwarded to: Norma Payne

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

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

April 24, 2014

Project No: 24773-13

Invoice No: 20141878

Ms. Claudette Guerrero
 Hidalgo County Drainage District No. 1
 902 N. Doolittle Rd.,
 Edinburg, TX
 78541

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 15 2014

11:23 AM PM

BY: Rosalice

Project 24773-13 J-09 Lateral Drain Revisions

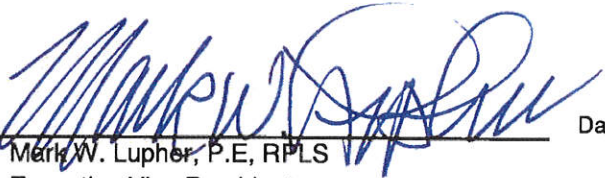
Account No. 13-133-433-300-43340
Requisition Number 622583
Work Authorization No. 13
Purchase Order No. 622583

Professional Services from January 01, 2014 to March 31, 2014

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Revisions to H & H	44,141.44	100.00	44,141.44	44,141.44	0.00
Revisions to PS&E	32,856.48	75.00	24,642.36	24,642.36	0.00
Irrigation Line	27,836.68	50.00	13,918.34	13,918.34	0.00
Construction Staking	31,447.50	15.00	4,717.13	0.00	4,717.13
Construction Management- Inspection	43,843.60	0.00	0.00	0.00	0.00
Revisions ROW Parcels	68,800.00	100.00	68,800.00	68,800.00	0.00
ROW Acquisition & Negotiations	166,400.00	60.00	99,840.00	99,840.00	0.00
Ph 2 Multiple PS&E Packages	42,000.00	0.00	0.00	0.00	0.00
Ph 1 Construction Materials Testing	22,264.00	0.00	0.00	0.00	0.00
Ph 1 Construction Management & Inspection	12,144.00	35.00	4,250.40	0.00	4,250.40
Ph 2 Construction Points & BM	40,000.00	100.00	40,000.00	0.00	40,000.00
Ph 2 Additional Field Surveying	32,000.00	43.26	13,843.20	0.00	13,843.20
Ph 2 Construction Material Testing	140,000.00	0.00	0.00	0.00	0.00
Ph 2 Construction Management & Inspection	60,000.00	0.00	0.00	0.00	0.00
Total Fee	763,733.70		314,152.87	251,342.14	62,810.73
		Total Fee			62,810.73

Billing Summary	Current	Prior	To-Date	
Total Billings	62,810.73	251,342.14	314,152.87	
Total Fee			763,733.70	
Remaining Fee			449,580.83	
		Total this Invoice		\$62,810.73

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

Authorized By:  Date: 4/24/14
Mark W. Luper, P.E, RPLS
Executive Vice President

Const. Staking Points
2014

Point #	Northing	Easting	Ortho. Ht	Code	Stationing	Comments
5001	16658535.21	1057979.28	155.51	HUB	15+00 O/S	
5003	16658519.56	1058078.05	153.38	HUB	16+00 O/S	
5005	16658514.09	1058112.62	154.06	HUB	16+35 O/S	
5007	16658500.01	1058201.50	151.53	HUB	17+25 O/S	
5009	16658488.27	1058275.57	151.59	HUB	18+00 O/S	
5011	16658206.64	1060053.33	144.06	HUB	36+00 O/S	
5013	16658192.88	1060140.24	143.68	HUB	36+88 O/S	
5015	16658181.14	1060214.32	142.75	HUB	37+63 O/S	
5019	16658175.35	1060250.86	142.76	HUB	38+00 O/S	
5021	16658159.71	1060349.63	142.82	HUB	39+00 O/S	
5023	16657971.89	1061534.92	137.55	HUB	51+00 O/S	
5025	16657964.08	1061584.18	137.46	HUB	51+50 O/S	
5026	16657959.80	1061611.24	137.41	HUB	51+77 O/S	
5029	16657971.35	1061680.20	138.99	HUB	52+09.76 O/S	
5031	16658051.50	1061737.91	136.92	HUB	52+42.17 O/S	
5033	16658029.70	1061731.14	136.98	HUB	52+64.95 O/S	
5036	16658127.93	1061761.63	140.74	HUB	53+45	
5038	16658180.51	1061777.95	134.81	HUB	54+00 O/S	
1	16658760.98	1056572.35	158.9	HUB	CL INLET	
2	16658873.61	1056590.16	158.59	HUB	CL INLET	
3	16658522.45	1058078.27	154.68	HUB	CL INLET	
4	16658634.87	1058096.57	153.91	HUB	CL INLET	
5	16658362.08	1059090.61	146.85	HUB	CL INLET	
6	16658474.54	1059108.83	148.84	HUB	CL INLET	
7	16658256.46	1059757.26	144.39	HUB	CL INLET	
8	16658368.94	1059775.54	145.06	HUB	CL INLET	
9	16658174.34	1060275.76	143.61	HUB	CL INLET	
10	16658286.78	1060294.01	143.88	HUB	CL INLET	
11	16658053.06	1061041.20	141.91	HUB	CL INLET	
12	16658165.55	1061059.46	141.81	HUB	CL INLET	
13	16657963.93	1061604.13	138.26	HUB	CL INLET	
14	16658076.36	1061622.36	138.86	HUB	CL INLET	

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5003,16658519.50,1058078.03,153.29,HUB
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5013,16658192.91,1060140.28,143.68,HUB
5015,16658181.12,1060214.38,142.7,HUB
5019,16658175.35,1060250.91,142.7,HUB
5021,16658159.68,1060349.65,142.75,HUB
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5025,16657964.01,1061584.21,137.47,HUB
5026,16657959.71,1061611.26,137.43,HUB
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5005	16659180.42	1058154.90	153.97	HUB
5007	16659166.21	1058243.86	151.41	HUB
5009	16659154.61	1058317.96	151.46	HUB
5011	16658872.92	1060095.75	144.02	HUB
5013	16658859.24	1060182.69	143.68	HUB
5015	16658847.45	1060256.79	142.70	HUB
5019	16658841.68	1060293.32	142.70	HUB
5021	16658826.01	1060392.06	142.75	HUB
5023	16658638.13	1061577.32	137.54	HUB
5025	16658630.33	1061626.67	137.47	HUB
5026	16658626.03	1061653.72	137.43	HUB
5029	16658637.72	1061722.76	138.92	HUB
5030	16658735.61	1061723.07	137.34	HUB
5031	16658717.80	1061780.37	136.88	HUB
5032	16658713.83	1061716.34	138.19	HUB
5033	16658696.08	1061773.61	136.94	HUB
5034	16658611.33	1061747.35	136.68	HUB
5036	16658794.26	1061804.15	140.70	HUB
5038	16658846.86	1061820.45	134.76	HUB
1	16659427.33	1056614.61	158.90	HUB
10	16658953.11	1060336.42	143.88	HUB
11	16658719.38	1061083.64	141.91	HUB
12	16658831.88	1061101.90	141.81	HUB
13	16658630.25	1061646.59	138.26	HUB
14	16658742.68	1061664.82	138.86	HUB
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3	16659188.79	1058120.59	154.68	HUB
4	16659301.22	1058138.89	153.91	HUB
5	16659028.41	1059132.97	146.85	HUB
6	16659140.88	1059151.19	148.84	HUB
7	16658922.79	1059799.65	144.39	HUB
8	16659035.27	1059817.93	145.06	HUB
9	16658840.67	1060318.17	143.61	HUB

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: Hidalgo County Drainage District No. 1
 902 N. Doolittle Rd
 Edinburg TX 78542

FROM CONTRACTOR: FJW Construction LLC
 1100 E. Jasmine, Suite 102
 McAllen TX 78501

PROJECT: J-09 Drain Improvements
 Phase I Construction
 HCCD1-13-023-11-19C

ENGINEER: TEDSI Infrastructure Group Inc.
 1201 E. Expressway 83
 Mission, TX 78572

CONTRACTOR FOR: J-09 Drain Improvements Phase I Construction

APPLICATION #: 1
APPLICATION DATE: 4/9/2014
PERIOD TO: 4/8/2014
PROJECT NO.: 1-13-023-11-19C
P.O. No.: 624028
CONTRACT DATE: 11/19/2013
CONTRACT DAYS: 185
CONTRACT FIRST WORK DAY: 1/23/2014

Distribution to:
 Owner
 Const. Mgr
 Architect
 Contractor
 Engineer

CONTRACTOR'S APPLICATION FOR PAYMENT
 Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

1. ORIGINAL CONTRACT SUM	\$ 404,800.00
2. Net change by Change Orders	\$ 10,780.00
3. CONTRACT SUM TO DATE (Line 1 +/- 2)	\$ 415,580.00
4. TOTAL COMPLETED & STORED TO DATE-\$	\$ 175,821.00
A. MATERIALS ON HAND	
(Column G on Continuation Sheet)	
5. RETAINAGE:	
a. 10.0% of Completed Work	\$ 17,582.10
b. 10.0% of Stored Material	\$

CONTRACTOR: *[Signature]*
By: *[Signature]* **Date:** 4.10.2014

State of: Texas
 County of: Hidalgo
 Subscribed and sworn to before me this 10th day of April, 2014

Notary Public: *[Signature]*
 My Commission expires: 4/10/17



6. TOTAL EARNED LESS RETAINAGE	\$ 17,582.10
Total Retainage (Line 5a + 5b or Total in Column 1 of Continuation Sheet)	\$ 158,238.90
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 4 less Line 5 Total)	\$
8. CURRENT PAYMENT DUE (Line 6 from prior Certificate)	\$ 158,238.90
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$ 257,341.10

CERTIFICATE FOR PAYMENT

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ----- \$ 158,238.90

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation Sheet that are changed to conform to the amount certified.)

ENGINEER: TEDSI Infrastructure Group Inc
By: *[Signature]* **Date:** 04/10/2014

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$10,780.00	
Total approved this Month	\$10,780.00	
TOTALS	\$10,780.00	\$10,780.00
NET CHANGES by Change Order		

CONTINUATION SHEET

ATTACHMENT TO PAY APPLICATION		APPLICATION NUMBER: 1											
PROJECT: J-09 Drain Improvements Phase I Construction		APPLICATION DATE: 4/9/2014											
		PERIOD TO: 4/8/2014											
		PROJECT NO: 1-13-023-11-19C											
Item No.	Description of Work	UNIT PRICE	CONTRACT QTY	SCHEDULED VALUE	Previous Application QTY	Previous Application AMOUNT	Completed This Period QTY	Completed This Period AMOUNT	Completed To Date QTY	Completed To Date AMOUNT	% RET	Balance To Finish (F-L)	RET
1	BASE BID												
2	ROCK FILTER DAMS (INSTALL)	\$ 5,000.00	1 EA	\$ 5,000.00		\$ -	1	\$ 5,000.00	1	\$ 5,000.00	10%	\$ -	\$ 500.00
3	ROCK FILTER DAMS (REMOVE)	\$ 2,500.00	1 EA	\$ 2,500.00		\$ -		\$ -		\$ -	10%	\$ 2,500.00	\$ -
4	TEMPORARY SEDIMENT CONTROL FENCE	\$ 3.50	1336 LF	\$ 4,676.00		\$ -	1136	\$ 3,976.00	1136	\$ 3,976.00	10%	\$ 700.00	\$ 397.60
5	PREPARING RIGHT OF WAY	\$ 10,000.00	3.83 AC	\$ 38,300.00		\$ -	1.92	\$ 19,200.00	1.92	\$ 19,200.00	10%	\$ 19,100.00	\$ 1,920.00
6	EMBANKMENT (FINAL POSITION)	\$ 7.50	1200 CY	\$ 9,000.00		\$ -		\$ -		\$ -	10%	\$ 9,000.00	\$ -
7	DITCH EXCAVATION	\$ 7.00	7262 CY	\$ 50,834.00		\$ -	4360	\$ 30,520.00	4360	\$ 30,520.00	10%	\$ 20,314.00	\$ 3,052.00
8	FLEXIBLE BASE (TY E GR 4)(FINAL POSITION)(COMPLETE IN PLACE)	\$ 32.00	180 CY	\$ 5,760.00		\$ -		\$ -		\$ -	10%	\$ 5,760.00	\$ -
9	DROP INLET	\$ 3,200.00	14	\$ 44,800.00		\$ -		\$ -		\$ -	10%	\$ 44,800.00	\$ -
10	JCT BOX (9'X17')	\$ 22,000.00	1 EA	\$ 22,000.00		\$ -	0.85	\$ 18,700.00	0.85	\$ 18,700.00	10%	\$ 3,300.00	\$ 1,870.00
11	CONCRETE HEADWALL W/ WINGWALLS	\$ 7,500.00	1 EA	\$ 7,500.00		\$ -	0.5	\$ 3,750.00	0.5	\$ 3,750.00	10%	\$ 3,750.00	\$ 375.00
12	GRATES	\$ 4,000.00	2 EA	\$ 8,000.00		\$ -		\$ -		\$ -	10%	\$ 8,000.00	\$ -
13	LADDER	\$ 2,000.00	2 EA	\$ 4,000.00		\$ -		\$ -		\$ -	10%	\$ 4,000.00	\$ -
14	RIPRAP (CONC)(CL C)	\$ 280.00	10 EA	\$ 2,800.00		\$ -		\$ -		\$ -	10%	\$ 2,800.00	\$ -
15	PVC PIPE (SCH 80)(4 IN)	\$ 9.00	2635 CY	\$ 23,715.00		\$ -		\$ -		\$ -	10%	\$ 23,715.00	\$ -
16	PVC PIPE (SCH 80)(6 IN)	\$ 14.00	750 LF	\$ 10,500.00		\$ -		\$ -		\$ -	10%	\$ 10,500.00	\$ -
17	PVC PIPE (SCH 80)(8 IN)	\$ 17.00	180 LF	\$ 3,060.00		\$ -		\$ -		\$ -	10%	\$ 3,060.00	\$ -
	PVC PIPE (SCH 80)(12 IN)	\$ 34.00	520 LF	\$ 17,680.00		\$ -		\$ -		\$ -	10%	\$ 17,680.00	\$ -
	ALTERNATE 1												
1	RCP (CL III) 48" DIAM	\$ 125.00	495 LF	\$ 61,875.00		\$ -	495	\$ 61,875.00	495	\$ 61,875.00	10%	\$ -	\$ 6,187.50
2	RCP (CL III) 60" DIAM	\$ 205.00	160 LF	\$ 32,800.00		\$ -	160	\$ 32,800.00	160	\$ 32,800.00	10%	\$ -	\$ 3,280.00
	ALTERNATE 5												
1	SLUICE GATES (60" DIAM)	\$ 25,000.00	2 EA	\$ 50,000.00		\$ -		\$ -		\$ -	10%	\$ 50,000.00	\$ -
	CHANGE ORDER 1												
1	DROP INLET GRATES	\$ 770.00	14 EA	\$ 10,780.00		\$ -		\$ -		\$ -	10%	\$ 10,780.00	\$ -
SUBTOTALS PAGE 2				\$ 415,580.00		\$ -	\$ 175,821.00	\$ 175,821.00	\$ 175,821.00	\$ 175,821.00		\$ 239,759.00	\$ 17,582.10



TEDSI

TBPE F-1640

TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

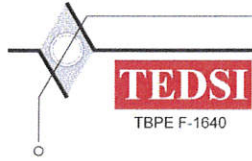
Fax: (956) 424-7022

Station Name: J09-BM-001	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±27ft. S of intersection of Mile 11 North Rd & Wallace Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: TEXAS SOUTH (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'58.37680"N	Longitude 98°15'19.27438"W	Orthometric Height 130.37
Grid Northing/Easting 16658526.92 1064354.37	Surface Northing/Easting 16659193.26 1064396.94	Surface adj. Factor 0.999960001





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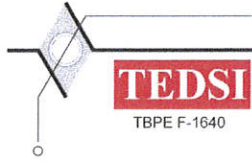
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-010	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.26 Mi. N from intersection of Mile 11 North Rd & MonMack Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions:			

Geodetic Data

Latitude 26°21'39.28513"N	Longitude 98°11'31.72616"W	Orthometric Height 92.97
Grid Northing/Easting 16656644.61 1085055.16	Surface Northing/Easting 16657310.88 1085098.56	Grid to Surface Surface adj. Factor 0.999960001





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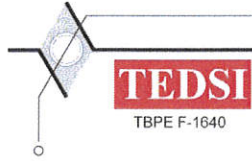
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-011	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.16 Mi. N from intersection of Mile 11 North Rd & MonMack Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'31.97604"N	Longitude 98°11'18.90436"W	Orthometric Height 91.29
Grid Northing/Easting 16655909.50 1086223.21	Surface Northing/Easting 16656575.74 1086266.66	Grid to Surface Surface adj. Factor 0.999960001





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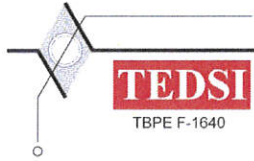
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-012	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±1 Mi. N from intersection of FM 1925 (Monte Cristo) & McColl Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'24.14778"N	Longitude 98°11'04.34314"W	Orthometric Height 88.60
Grid Northing/Easting 16655122.40 1087549.65	Surface Northing/Easting 16655788.60 1087593.15	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

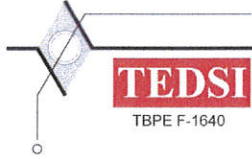
Fax: (956) 424-7022

Station Name: J09-BM-013	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±1.17 Mi. N from intersection of FM 1925 (Monte Cristo) & Jackson Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'23.75143"N	Longitude 98°10'33.11485"W	Orthometric Height 87.74
Grid Northing/Easting 1665248.85 1089032.34	Surface Northing/Easting 16655915.06 1089075.90	Grid to Surface Surface adj. Factor 0.999960001





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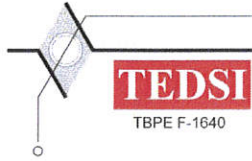
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-014	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±1.16 Mi. N from intersection of FM 1925 (Monte Cristo) & Jackson Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'25.3611"N	Longitude 98°10'48.04500"W	Orthometric Height 89.38
Grid Northing/Easting 16655248.85 1089032.34	Surface Northing/Easting 16655915.06 1089075.90	Grid to Surface Surface adj. Factor 0.999960001





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1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

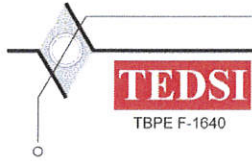
Fax: (956) 424-7022

Station Name: J09-BM-002	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±29ft. S from intersection of Mile 11 North Rd & FM 2220 (Ware Rd)		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'52.51198"N	Longitude 98°14'39.07662"W	Orthometric Height 123.57
Grid Northing/Easting 16657942.02 1068011.66	Surface Northing/Easting 16658608.34 1068054.38	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

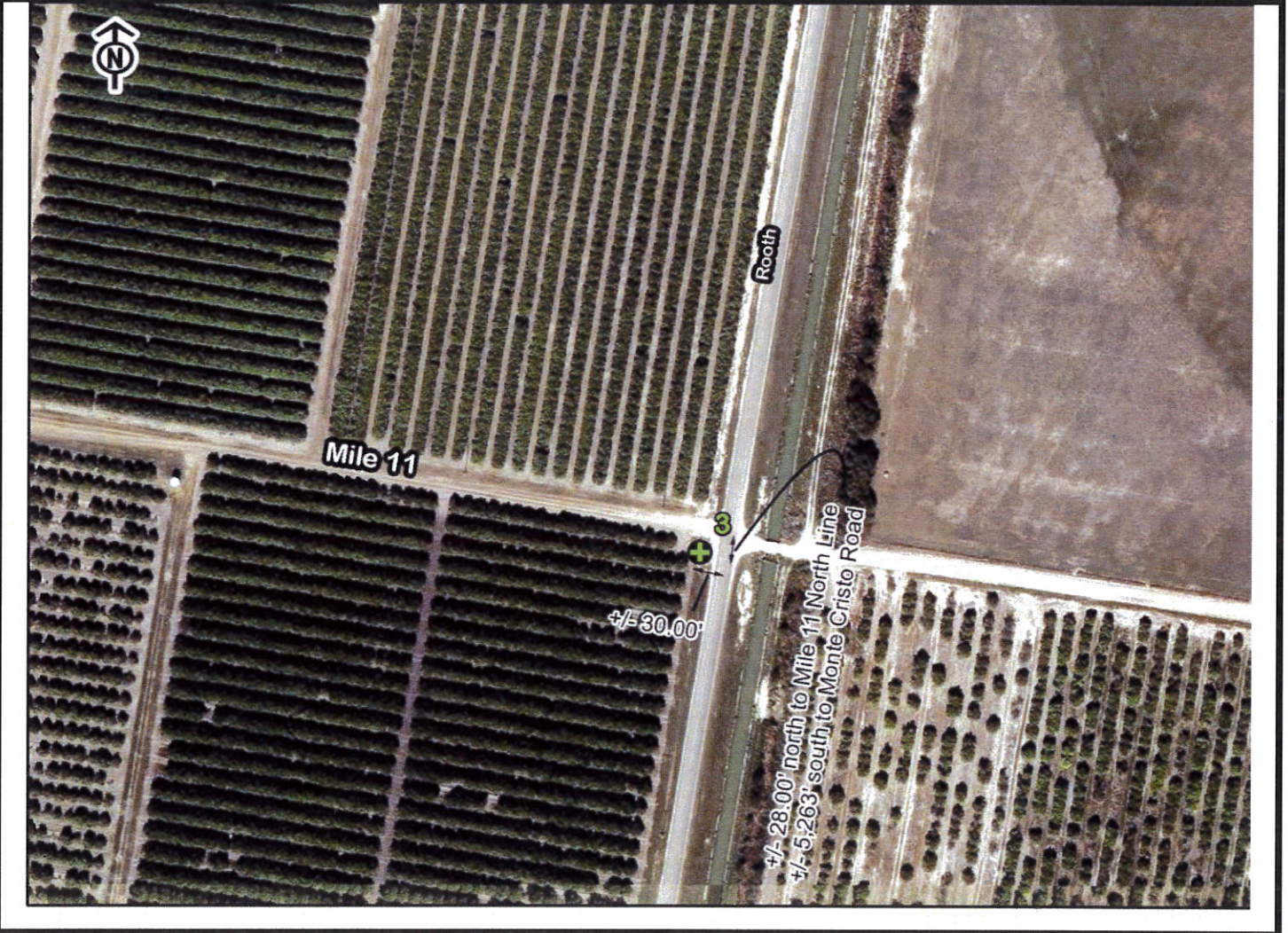
Consulting Engineers

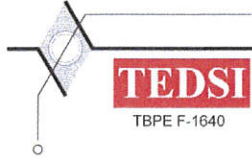
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-003	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±28ft. S from intersection of Mile 11 North Rd & Rooth Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'44.13764"N	Longitude 98°13'41.70798"W	Orthometric Height 114.69
Grid Northing/Easting 16657107.40 1073231.38	Surface Northing/Easting 16657773.68 1073274.31	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

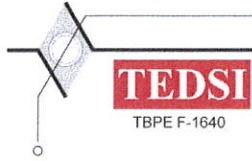
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-004	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.09 Mi.S from intersection of Mile 11 North Rd & Rooth Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'39.41284"N	Longitude 98°13'40.81247"W	Orthometric Height 110.78
Grid Northing/Easting 16656630.53 1073313.86	Surface Northing/Easting 16657296.79 1073356.79	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

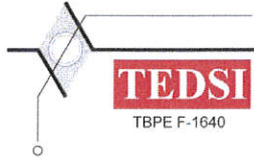
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-005	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.09 S Mi. from intersection of Mile 11 North Rd & Hoehn Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'31.31877"N	Longitude 98°12'45.41065"W	Orthometric Height 100.17
Grid Northing/Easting 16655824.47 1078354.89	Surface Northing/Easting 16656490.70 1078398.02	Grid to Surface Surface adj. Factor 0.999960001





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Tel: (956) 424-7898

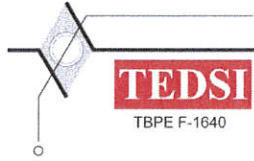
Fax: (956) 424-7022

Station Name: J09-BM-006	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.20 Mi.N from intersection of Mile 11 North & Hoehn Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'46.01782"N	Longitude 98°12'41.79030"W	Orthometric Height 98.50
Grid Northing/Easting 16657309.33 1078680.80	Surface Northing/Easting 16657975.62 1078723.95	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

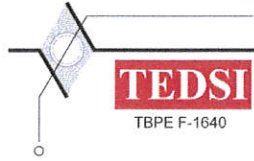
Fax: (956) 424-7022

Station Name: J09-BM-007	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.18 Mi. N from intersection of Mile 11 North Rd & Citrus Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'42.88393"N	Longitude 98°12'28.22608"W	Orthometric Height 97.57
Grid Northing/Easting 16656995.75 1079915.27	Surface Northing/Easting 16657662.03 1079958.47	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

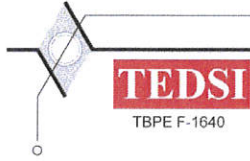
1201 East Expressway 83 ♦ Mission, Texas 78572
 Tel: (956) 424-7898
 Fax: (956) 424-7022

Station Name: J09-BM-008	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.22 Mi. N from intersection of Mile 11 North Rd & Eubanks Rd		Project: J-09 Outfall	
Type of Mark: 1/2" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions-			

Geodetic Data

Latitude 26°21'42.93126"N	Longitude 98°12'12.80300"W	Orthometric Height 98.19
Grid Northing/Easting 16657003.80 1081318.08	Surface Northing/Easting 16657670.08 1081361.33	Grid to Surface Surface adj. Factor 0.999960001





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

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

Station Name: J09-BM-009	County: Hidalgo	Country: USA	Date: 04/25/14
Units of Measure: ENGLISH			
Locality: ±0.28 Mi. N from intersection of Mile 11 North Rd & Big 5 Rd		Project: J-09 Outfall	
Type of Mark: ½" Iron Rod		Mark Stamp: N/A	
Grid Zone: StatePlane Texas South (4205)	Horizontal Datum: NAD 83	Vertical Datum: NAVD 88	
Revisions:			

Geodetic Data

Latitude 26°21'42.22218"N	Longitude 98°11'43.97181"W	Orthometric Height 96.92
Grid Northing/Easting 16656938.45 1083940.62	Surface Northing/Easting 16657604.73 1083983.98	Grid to Surface Surface adj. Factor 0.999960001



**TEDSI INFRASTRUCTURE GROUP****TEDSI****Consulting Engineers**
1201 E. Expressway 83 ♦ Mission, Texas 78572
(956) 424-7898**Letter of Transmittal**

TO: Ms. Claudette Guerrero Hidalgo County Drainage District No. 1 902 N. Doolittle Road Edinburg, Texas 78539	DATE: April 28, 2014
--	--------------------------------

REF.: Delta Watershed Legal Water Rights Project March Invoice	TEDSI PROJECT NO.: 2013-1128-12
--	---


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

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

COPIES	DESCRIPTION
1	Invoice No. 20141882 for Project No. 2013-1128-12 along with Timesheets Progress Report No. 005

REMARKS:

Thank you,



APR 29 2014

1056 AM / PM

BY: Rosa Ace

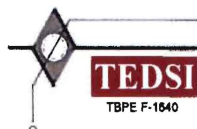
Signed: for: Clay
 Mark W. Luper, P.E., RPLS

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

APR 29 2014

10:50 AM / PM

BY: Rosa Arce



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

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

April 23, 2014

Project No: 2013-1128-12

Invoice No: 20141882

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 March 01, 2014 to March 31, 2014

Phase	100	Legal Services Support			
Professional Personnel					
			Hours	Rate	Amount
Project Manager (VIII)					
Lupher, Mark			2.00	232.61	465.22
Totals			2.00		465.22
Total Labor					465.22
Reimbursable Expenses					
Reimbursable Delivery Charges					
3/11/2014		Lone Star Overnight - Airbill No. ZQ923760			12.66
Total Reimbursables					12.66
Billing Summary			Current	Prior	To-Date
Total Billings			477.88	16,484.56	16,962.44
Total Fee					29,063.14
Remaining Fee					12,100.70
				Total this Phase	\$477.88

Phase	200	Water Rights - BBS, PC			
Consultants					
Reimbursable Consultants Expense					
3/31/2014		Beatty Bangle Starma, PC - Invoice No. 16150			2,850.00
Total Consultants					2,850.00
Billing Summary			Current	Prior	To-Date
Consultants			2,850.00	23,100.00	25,950.00
Total Fee					90,000.00
Remaining Fee					64,050.00
				Total this Phase	\$2,850.00

Phase 300 Water Rights - BHDA, LLP

Consultants

Reimbursable Consultants Expense				
3/31/2014	Bickerstaff Heath Delgado - Invoice No. 94047		910.00	
	Acosta LLP			
	Total Consultants		910.00	910.00

Billing Summary	Current	Prior	To-Date	
Consultants	910.00	25,304.14	26,214.14	
Total Fee			65,400.00	
Remaining Fee			39,185.86	
		Total this Phase		\$910.00
		Total this Invoice		<u>\$4,237.88</u>

Outstanding Invoices

Number	Date	Balance
20141854	3/27/2014	16,614.01
Total		16,614.01

Total Now Due \$20,851.89

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: _____

4.24.14

PROGRESS REPORT NO. 005

Progress Period March 1, 2014 Through March 31, 2014

DESCRIPTION	ESTIMATED COST	PERCENT COMPLETE	INVOICE TO DATE	PREVIOUS INVOICE	AMOUNT DUE
II. GCM FOR PRELIMINARY PROJECT PLANNING AND DEVELOPMENT					
(5) Water Rights, TEDSI	\$29,063.14	58.30%	\$16,943.45	\$16,478.23	\$465.22
(6) Water Rights Sub Consultant BBS, PC	\$90,000.00	28.83%	\$25,950.00	\$23,100.00	\$2,850.00
(7) Water Rights Sub Consultant BHDA, LLP	\$65,400.00	39.07%	\$25,550.00	\$24,640.00	\$910.00
Additional Expenses	\$22,000.00	3.11%	\$683.13	\$670.47	\$12.66
<hr/>					
SUB TOTAL II	\$206,463.14	33.48%	\$69,126.58	\$64,888.70	\$4,237.88

TOTAL LABOR EXPENSES	\$206,463.14	33.48%	\$69,126.58	\$64,888.70	\$4,237.88
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RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

APR 29 2014

10:56 AM / PM

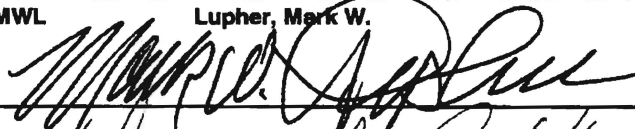

BY: Rosario

TOTAL INVOICE AMOUNT DUE: \$4,237.88

Detailed Timesheet for the Period Ending 4/5/2014

Wednesday, April 09, 2014
7:57:31 AM

TEDSI Infrastructure Group

Employee MWL **Lupher, Mark W.**
Signed 
Approved 
Castillo, Diane S.

Posted

Office HOU

		Total Hr	Sun 3/30	Mon 3/31	Tue 4/1	Wed 4/2	Thu 4/3	Fri 4/4	Sat 4/5
2013-1128-07	Spanish Palms Basic Services								
100	0100 Reg	4.0			4.0				
2013-1128-08	LRGVRWMP - GMC Preliminary PP&D								
100	0100 Reg	2.0		2.0					
2013-1128-11	LRGVRWMP - Environmental Environmental - TEDSI								
100	0100 Reg	2.0		2.0					
2013-1128-12	LRGVRWMP - Legal Legal Services Support								
100	0100 Reg	2.0		2.0					
2013-1128-13	LRGVRWMP - P.E.R. Hydraulic Analysis Verifications								
500	0100 Reg	2.0		2.0					

ZQ923760 2013-1128-12	MARK W. LUPHER, P.E., RPLS TEDSI INFRASTRUCTURE GROUP 1201 E EXPRESSWAY 83 MISSION, TX 78572	MS. CLAUDETTE GUERRERO HCDD NO. 1 902 NORTH DOOLITTLE ROAD EDINBURG, TX 78542	2014-02-25 2014-02-26 J.SALAZAR	End of Day On Call Pickup Fuel Surcharge	\$6.68 \$5.15 \$0.83
1 2					
				Total	\$12.66



Airbill No. ZQ923760

Lone Star Overnight
1-800-800-8984
www.lso.com

SHIP TO:
MS. CLAUDETTE GUERRERO
HCDD NO. 1
902 NORTH DOOLITTLE ROAD
EDINBURG, TX 78542
9562927080

From:
MARK W. LUPHER, P.E., RPLS
TEDSI INFRASTRUCTURE GROUP
1201 E EXPRESSWAY 83
MISSION, TX 78572
9564247898

W MFE

LSO GROUND
END OF BUSINESS DAY DELIVERY

PRINT DATE: 2/25/2014
QUICKCODE: CLAUD GUERRERO
REF 1: 2013-1128-12 1D00V.0000

WEIGHT: 1.00LBS

H

#

12.66



2013-1128-12

BBS BEATTY
BANGLE
STRAMA PC

March 31, 2014

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

Invoice No.16150

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>
03/03/14	ELIII	Conference call with group	0.75	300.00/hr	225.00
03/18/14	ELIII	Correspondence with Mark and Sara Eatman regarding agenda item scheduled for March 19	1.00	300.00/hr	300.00
03/19/14	ELIII	Region M Meeting	3.00	300.00/hr	900.00
03/24/14	ELIII	Texas Water Development meeting in Harlingen, Texas Draft agenda for group planning meeting in Santa Fe	4.50	300.00/hr	1,350.00
03/25/14	ELIII	Correspondence with Mark Lupher regarding pending planning meeting	0.25	300.00/hr	75.00
For professional services rendered			9.50		\$2,850.00

Previous balance	\$13,875.00
Accounts receivable transactions	
3/18/2014 Payment - Thank You(No. 48805)	(\$6,425.00)

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

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

Balance due

Amount

\$10,300.00

Current	30 Days	60 Days	90 Days	120+ Days
\$2,850.00	\$7,450.00	\$0.00	\$0.00	\$0.00

TEDSI INFRASTRUCTURE GROUP
Project No. 2013-1128-12 Phase No. 200

Lump Sum Approved Hold
 Hourly Selected Process

Sign: [Signature] Date: 9/23/14

2013-1128-12

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

April 07, 2014
Client: 003978
Matter: 000001
Invoice #: 94047
Bill Atty: DM

Page: 1

RE: Drainage Improvements

For Professional Services Rendered Through March 31, 2014

SERVICES

Date	Person	Description of Services	Hours	
3/3/2014	EWR	Team conference call.	1.0	
3/17/2014	EWR	Delta team status conference call.	0.3	
3/31/2014	DM	Analysis and attendance at project conference call.	0.8	
3/31/2014	EWR	Attend conference call regarding status of project.	0.8	
Total Professional Services			2.9	\$910.00

BILLING RECAP

		Level	Hours	Rate	Amount
DM	David Mendez	Partner	0.8	\$350.00	\$280.00
EWR	Emily Rogers	Partner	2.1	\$300.00	\$630.00

April 07, 2014
Client: 003978
Matter: 000001
Invoice #: 94047

Page: 2

Total Services \$910.00
Total Current Charges \$910.00

PAY THIS AMOUNT

\$910.00

Please Remit Payment to:
Bickerstaff Heath Delgado Acosta LLP
3711 S. Mo-Pac Expy
Building One, Suite 300
Austin, Texas 78746-8023

TEDSI INFRASTRUCTURE GROUP
Project No. 2013-1128-12 Phase No. 30
 Lump Sum Approved Hold
 Hourly Rejected Process
Sign: *[Signature]* Date: 4/23/14

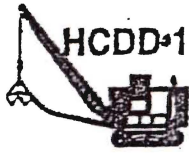
HIDALGO COUNTY DRAINAGE DISTRICT NUMBER ONE

502 NORTH DOCKTLE

EDINBURG, TEXAS 78542

(956) 292-7080

FAX (956) 292-7089



GODFREY GARZA, JR.
MANAGER

INVOICE PROCESSING CHECKLIST

Data Received: 5/27/14

Engineer/Firm Name: R. Gutierrez Eng.

Project Name/Number: Rural Drainage Dev. Prog. Pct #2 / Proj # ENG13.001

Invoice No: #3569

Logged in and Scanned: 2 5/27/14 By: Rosa Lee Forwarded to: Norma Reyna

Engineer	Name	Date	Comment
Scope of work reviewed			

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

	Name	Date	Comment
Placed on Agenda			

Additional Comments: _____

R. Gutierrez Engineering Corporation

INVOICE

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

INVOICE 3569
DATE 5/27/2014
Due on Receipt

HCDD1
902 N. Doolittle Road
Edinburg, TX 78542

MAY 27 2014

10:01 AM / PM

BY: *Rosa Dice*

Project: Rural Drainage Development Program-Pct. 2

Billing Fee: 210,384.00

Project No.: ENG13.001
Contract No. WA#1, SA#1
PO No.: 622585

<u>Northside Village Subdivision</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Due</u>
Phase I - Data Collection	3,163.57	100%	3,163.57	3,163.57	0.00
Phase II - Preliminary Engineering	3,163.57	100%	3,163.57	3,163.57	0.00
Phase III - Final Design	10,545.25	100%	10,545.25	10,545.25	0.00
Phase IV - Construction	4,218.10	85%	3,585.38	0.00	3,585.38
Topographic Survey	4,218.10	100%	4,218.10	4,218.10	0.00
ROW Surveying (3 Parcels)	8,250.00	100%	8,250.00	8,250.00	0.00
Northside Village Subdivision Subtotal	33,558.59		32,925.87	29,340.49	3,585.38

<u>Hidden Valley Estates Subdivision</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Due</u>
Phase I - Data Collection	3,163.57	100%	3,163.57	3,163.57	0.00
Phase II - Preliminary Engineering	3,163.57	100%	3,163.57	3,163.57	0.00
Phase III - Final Design	10,545.25	100%	10,545.25	10,545.25	0.00
Phase IV - Construction	4,218.10	85%	3,585.38	0.00	3,585.38
Topographic Survey	4,218.10	100%	4,218.10	4,218.10	0.00
ROW Surveying (4 Parcels)	11,000.00	100%	11,000.00	11,000.00	0.00
Hidden Valley Estates Subdivision Subtotal	36,308.59		35,675.87	32,090.49	3,585.38

<u>Seminole Valley Subdivision</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Due</u>
Phase I - Data Collection	7,922.94	100%	7,922.94	7,922.94	0.00
Phase II - Preliminary Engineering	7,922.94	100%	7,922.94	7,922.94	0.00
Phase III - Final Design	26,409.81	100%	26,409.81	26,409.81	0.00
Phase IV - Construction	10,563.92	0%	0.00	0.00	0.00
Topographic Survey	10,563.92	100%	10,563.92	10,563.92	0.00
ROW Surveying (1 Parcel)	2,750.00	100%	2,750.00	2,750.00	0.00
Seminole Valley Subdivision Subtotal	66,133.53		55,569.61	55,569.61	0.00

<u>Minnesota Meadows Subdivision</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Due</u>
Phase I - Data Collection	7,922.94	100%	7,922.94	7,922.94	0.00
Phase II - Preliminary Engineering	7,922.94	100%	7,922.94	7,922.94	0.00
Phase III - Final Design	26,409.81	100%	26,409.81	26,409.81	0.00
Phase IV - Construction	10,563.92	0%	0.00	0.00	0.00
Topographic Survey	10,563.92	100%	10,563.92	10,563.92	0.00
ROW Surveying (4 Parcels)	11,000.00	100%	11,000.00	11,000.00	0.00
Minnesota Meadows Subdivision Subtotal	74,383.53		63,819.61	63,819.61	0.00

PROJECT TOTALS: 210,384.24 187,990.96 180,820.20 7,170.76

Balance Due

\$ 7,170.76