



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS
March 7, 2017
9:00 A.M.**

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

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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

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

2. **AI -58853** Discharge Permit
MAS Engineering, LLC- Taylor Villas Subdivision

3. **AI -58738** Discharge Permit
Quintanilla, Headley & Associates, Inc.- Lantana Acres No. 8 (Delta Lake Irrigation District Drain Ditch outlet 1)

4. **AI -58739** Discharge Permit
Quintanilla, Headley, & Associates, Inc.- Lantana Acres No. 8 (Delta Lake Irrigation District Drain Ditch outlet 2)

5. **AI -58740** Discharge Permit
Quintanilla, Headley & Associates, Inc.- Lantana Acres No. 8 (Delta Lake Irrigation District Drain Ditch outlet 3)

6. **AI -58841** General Fund
Budget 006-M&O
Engineering Firm: S&B Infrastructure, LTD

A. Invoice No. U9444.103/812-18A in the amount of \$240,079.00 pertaining to Work Authorization No. 18-Continued PS&E Services for the Raymondville Drain Outfall System.
PO#626525

Engineering Firm: Halff & Associates

B. Invoice No. M221772 in the amount of \$1,942.52 pertaining to Work Authorization No. 3-Subsurface Investigation, Evacuation & Disposal of Lead Impacted Soil from Hidalgo County Drainage District No. 1-Firing Range
PO#630639

C. Invoice No. M221771 in the amount of \$2,940.00 pertaining to Work Authorization No. 2-TCEQ TRRP Applicability for Hidalgo County Drainage District No. 1-Firing Range.
PO#629455

2013 Bonds
Budget: 300-J09 Drain
Engineering Firm: L&G Consulting Engineers

D. Invoice No. 17-2-000055 in the amount of \$158.97 pertaining to Work Authorization No. 4-Construction Material Testing Services for J09 Drain Imp. Phase 2.
PO#629471

AI -58853

2.

DRAINAGE - CONSENT

Meeting Date: 03/07/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

MAS Engineering, LLC- Taylor Villas Subdivision

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox	Reviewed By	Date
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Esther Layton		Started On: 03/03/2017 04:04 PM
Final Approval Date: 03/03/2017		

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

Applicant: TAYLOR VILLAS, LLC Permit No: _____

Address: 805 TRINITY STREET

Subdivision Name: TAYLOR VILLAS SUBDIVISION

Name of Receiving Ditch: REDO DRAIN

Location or Drainage Area (Furnish Location Map): SEE ATTACHED

X(coordinate): 1052792.31 Y(coordinate): 16595069.69
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: NEW Calculated Run-off: 55.68 CFS

Number of Acres Developed: 12.50 Size of Pipe: 24" HPP

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 91.00

Flow line Receiving Ditch: 89.00 Top of Water Receiving Ditch: 89.60

Top of Ditch Elevation: 103.00 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: N/A Formula Used: N/A

Project Engineer: MARIO A. SALINAS, P.E. MAS ENGINEERING, LLC
(Engineer's Name) (Firm's Name)

3911 N. 10TH STREET, SUITE H
McALLEN, TEXAS 78501 (956) 537-1311
(Address) (Phone #) (Fax #)

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

(Owner's Signature)

(Mayor's Signature) (City of)

(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

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

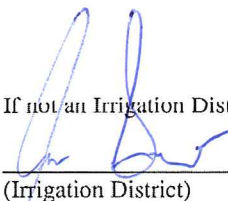
(Irrigation District)

By: _____

Title: _____

Date: _____

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


(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this _____ day of _____, 20 ____.

By: _____
(Hidalgo County Drainage District Number One)

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

HCDD #1
Discharge Permit Application
Revised: 11/16/2004
11/16/2007
03/24/2011

AI -58738

3.

DRAINAGE - CONSENT

Meeting Date: 03/07/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

Quintanilla, Headley & Associates, Inc.- Lantana Acres No. 8 (Delta Lake Irrigation District Drain Ditch outlet 1)

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox

Reviewed By

Date

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Esther Layton

Started On: 02/28/2017 10:50 AM

Final Approval Date: 03/03/2017

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

Applicant: The Three Grandes, Ltd by Richard W. Ruppert, Partner Permit No: _____

Address: 2810 N. Closner Blvd, Edinburg, Texas 78540

Subdivision Name: Lantana Acres No.8

Name of Receiving Ditch: Delta Lake Irrigation District Drain Ditch (outlet 1)

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

X(coordinate): 1144127.498 Y(coordinate): 16663163.080

(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 45.36 c.f.s.

Number of Acres Developed: 68.02 AC Size of Pipe: 30" R.C.P. west side

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 51.00

Flow line Receiving Ditch: 50.50 Top of Water Receiving Ditch: 51.50

Top of Ditch Elevation: 58.70 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 1.51 Formula Used: TxDOT Nomograph

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

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

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

[Signature]
(Owner's Signature)

(Mayor's Signature) (City of)

(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

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

Delta Lake Irrigation District
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 1-18-2017

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

(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this _____ day of _____, 20 ____.

By: _____
(Hidalgo County Drainage District Number One)

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

AI -58739

4.

DRAINAGE - CONSENT

Meeting Date: 03/07/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

Quintanilla, Headley, & Associates, Inc.- Lantana Acres No. 8 (Delta Lake
Irrigation District Drain Ditch outlet 2)

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox

Reviewed By

Date

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Esther Layton

Started On: 02/28/2017 10:56 AM

Final Approval Date: 03/03/2017

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

Applicant: The Three Grandes, Ltd by Richard W. Ruppert, Partner Permit No: _____

Address: 2810 N. Closner Blvd, Edinburg, Texas 78540

Subdivision Name: Lantana Acres No.8

Name of Receiving Ditch: Delta Lake Irrigation District Drain Ditch (outlet 2)

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

X(coordinate): 1144127.498 Y(coordinate): 16663163.080

(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 45.36 c.f.s.

Number of Acres Developed: 68.02 AC Size of Pipe: 30" R.C.P. east side

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 51.00

Flow line Receiving Ditch: 50.05 Top of Water Receiving Ditch: 51.00

Top of Ditch Elevation: 57.33 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 1.51 Formula Used: TxDOT Nomograph

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

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

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

[Signature] _____
(Owner's Signature) (Mayor's Signature) (City of)

(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

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

Delta Lake Irrigation District
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 1-18-2017

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

(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this _____ day of _____, 20 ____.

By: _____
(Hidalgo County Drainage District Number One)

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

AI -58740

5.

DRAINAGE - CONSENT

Meeting Date: 03/07/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Discharge Permit

Quintanilla, Headley & Associates, Inc.- Lantana Acres No. 8 (Delta Lake
Irrigation District Drain Ditch outlet 3)

BACKGROUND

Fiscal Impact

Attachments

Discharge Permit

Form Review

Inbox

Reviewed By

Date

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Esther Layton

Started On: 02/28/2017 11:00 AM

Final Approval Date: 03/03/2017

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

Applicant: The Three Grandes, Ltd by Richard W. Ruppert, Partner Permit No: _____

Address: 2810 N. Closner Blvd, Edinburg, Texas 78540

Subdivision Name: Lantana Acres No.8

Name of Receiving Ditch: Delta Lake Irrigation District Drain Ditch (outlet 3)

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

X(coordinate): 1144127.498 Y(coordinate): 16663163.080

(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 45.36 c.f.s.

Number of Acres Developed: 68.02 AC Size of Pipe: 24" R.C.P.

Size of Box Culvert: N/A Ditch Lateral (size of entrance) sq. ft.: N/A

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 56.50

Flow line Receiving Ditch: 51.53 Top of Water Receiving Ditch: 52.53

Top of Ditch Elevation: 63.58 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 1.75 Formula Used: TxDOT Nomograph

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

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

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

[Signature] (Owner's Signature) _____ (Mayor's Signature) _____ (City of)

(Mayor-Print Name) (Date)

APPROVAL OF IRRIGATION DISTRICT

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

Delta Lake Irrigation District
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 1-18-2017

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

(Irrigation District)

APPROVAL OF DRAINAGE DISTRICT

APPROVED this _____ day of _____, 20 ____.

By: _____
(Hidalgo County Drainage District Number One)

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

AI -58841

6.

DRAINAGE - CONSENT

Meeting Date: 03/07/2017

Submitted For: Lora Briones

Submitted By: Claudette Guerrero,
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

General Fund

Budget 006-M&O

Engineering Firm: S&B Infrastructure, LTD

A. Invoice No. U9444.103/812-18A in the amount of \$240,079.00 pertaining to Work Authorization No. 18-Continued PS&E Services for the Raymondville Drain Outfall System.

PO#626525

Engineering Firm: Halff & Associates

B. Invoice No. M221772 in the amount of \$1,942.52 pertaing to Work Authorization No. 3-Subsurface Investigation, Evacuation & Disposal of Lead Impacted Soil from Hidalgo County Drainage District No. 1-Firing Range

PO#630639

C. Invoice No. M221771 in the amount of \$2,940.00 pertaining to Work Authorization No. 2-TCEQ TRRP Applicability for Hidalgo County Drainage District No. 1-Firing Range.

PO#629455

2013 Bonds

Budget: 300-J09 Drain

Engineering Firm: L&G Consulting Engineers

D. Invoice No. 17-2-000055 in the amount of \$158.97 pertaining to Work Authorization No. 4-Construction Material Testing Services for J09 Drain Imp. Phase 2.

PO#629471

BACKGROUND

Fiscal Impact

Attachments

L&G Inv#17-2-000055

Halff Inv#M221771

Halff Inv#M221772

S&B Inv#U9444.103/812-18A

Form Review

Inbox

Reviewed By

Date

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Claudette Guerrero

Started On: 03/03/2017 12:19 PM

Final Approval Date: 03/03/2017



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip Invoice/ Backup

Date Received: 3/1/2017

Engineer/Firm Name: L&G Engineering

Project Name/Number: J-09 Phase II, Rio Grande Care Rd. to N. Main Drain, WA No. 4

Invoice No.: 17-2-000055

Invoice Date: 2/24/2017

Due Date: 3/31/2017

Purchase Order No.: 629471

Amount: \$158.97

Total # of Pages Submitted: 8

Attachments: CD USB Plans Other: _____

Engineering: Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

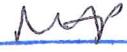
Lora Briones _____ Date: _____

Additional Comments: Included is Test Report R028-28 for CMT Srvs.

MAR 01 2017

Page 1 of 1

10:00 AM / PM

BY: 

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

Client Address: Hidalgo County Drainage District No. 1
Accounts Payable
902 N. Doolittle Rd.

Edinburg, TX. 78541

Account No.: E87
Project No: E871601
Project Desc.: J-09 Drain Improvements Ph. II
(Rio Grande Care Rd. to N. Main Drain)

Due Date: UPON RECEIPT
Budget/Remaining: \$22,243.07 / \$10,687.25
PO: 629471

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92034 - Comp. Strength of Cyl. Specimen	\$16.40	2.00	\$32.80
940:94047 - Eng. Tech. (Concrete / Lab)	\$52.88	0.50	\$26.44
940:94054 - Engineering Specialist	\$105.76	0.25	\$26.44
940:94055 - Engineer / P.E.	\$133.76	0.25	\$33.44
950:95060 - Administrative / Clerical	\$62.21	0.25	\$15.55
950:95061 - Test Report	\$24.30	1.00	\$24.30
Total for this Invoice:			\$158.97

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R028-28	01/10/2017	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$16.40	\$32.80
R028-28	01/10/2017	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$52.88	\$26.44
R028-28	01/10/2017	0.25	940:94054 - Engineering Specialist	Hour	\$105.76	\$26.44
R028-28	01/10/2017	0.25	940:94055 - Engineer / P.E.	Hour	\$133.76	\$33.44
R028-28	01/10/2017	0.25	950:95060 - Administrative / Clerical	Hour	\$62.21	\$15.55
R028-28	01/10/2017	1.00	950:95061 - Test Report	Each	\$24.30	\$24.30
Report Number R028-28 for a Subtotal of:						\$158.97
Total for this Invoice:						\$158.97

REMIT TO: 2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

CONCRETE COMPRESSION TEST REPORT

Project Description: J-09 Drain Improvements Ph. II
 Care Rd. to N. Main Drain)
 Client: Hidalgo County Drainage District No. 1
 Engineer: TEDSI Engineering
 Contractor: Texas Cordia Construction, LLC

(Rio Grande L&G Project Number: E871601

L&G Report Number: R028-28
 Sample Date: 01/10/2017
 Date Reported: 02/07/2017

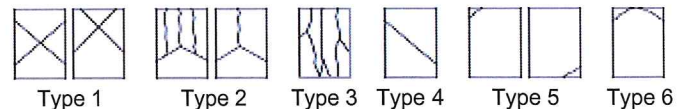
Client PO: 629471

Page 1 of 1

Placement Location: Wing Wall East of Jackson Rd.
 Mix ID: 213645338 Supplier: Alamo Concrete
 Specified Strength: 3,600 P.S.I. @ 28 days
 Specified Slump: N/A Slump: 3.75"
 Specified Air Content: N/A Air Content: 2.4%
 Weather Conditions: Windy, Cloudy & Overcast Air Temp.: 70°F
 Time Batched: 7:05 am Time Sampled: 8:20 am Concrete Temp.: 73°F
 Plant Ticket No: 542091 Truck No: 7248 CY: 10
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
11	A	01/17/2017	7	131,160	Type 2	4,640		128.89%
	B	01/17/2017	7	129,400	Type 3	4,580	4,610	127.22%
	C	02/07/2017	28	189,395	Type 5	6,700		186.11%
	D	02/07/2017	28	191,295	Type 3	6,770	6,730	188.06%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Drainage District No. 1
 (Edinburg, TX) Attn: Raul Sesin, P.E.
 (1-cc copy)
 1-cc TEDSI Engineering Attn: Jose A. Sanchez
 1-cc Texas Cordia Construction, LLC
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering



 Ricardo A. Gil, Lab Manager

Billy Ortiz

From: Rick Gil
Sent: Monday, January 09, 2017 9:51 AM
To: Billy Ortiz
Subject: FW: J-09 Wingwall - Concrete pour

See the request below for the J-09 Project.

Rick

From: Victor Longoria [<mailto:VLongoria@tedsi.com>]
Sent: Monday, January 09, 2017 9:49 AM
To: Rick Gil
Cc: Billy Ortiz; Celia Almaguer; Jose A. Sanchez
Subject: FW: J-09 Wingwall - Concrete pour

Good morning Rick,

Please see email below from Ruben Flores, TCC - testing required at the outfall.

Please advise.

Thank you...

Victor Longoria, E.I.T.
Engineering Designer

TEDSI INFRASTRUCTURE GROUP
1201 E. EXPRESSWAY 83
Mission, Texas 78572
(956) 424-7898 office
(956) 424-7022 fax
email: vlongoria@tedsi.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

From: Ruben [<mailto:ruben@texascordia.com>]
Sent: Monday, January 09, 2017 9:01 AM
To: Jose A. Sanchez; Victor Longoria
Cc: Isaac Heredia; 'Yara M. Corbitt, P. E'; Lydia Rodriguez; 'Roy Chapa'
Subject: RE: J-09 Wingwall - Concrete pour

Good morning

TCC is currently finishing out forming of wing walls, we are scheduled to pour concrete tomorrow morning at 8 am.

Thank you,

Ruben Flores
Project Controls – Texas Cordia Construction

3149-A Center Pointe Dr., Edinburg, TX 78539
O: (956) 627-6181 / M: (956) 624-8453
Fax: (956) 386-0289
ruben@texascordia.com

From: Ruben [<mailto:ruben@texascordia.com>]
Sent: Friday, January 6, 2017 5:21 PM
To: 'Jose A. Sanchez' <JASanchez@tedsi.com>; 'Victor Longoria' <VLongoria@tedsi.com>
Subject: J-09 Wingwall - Concrete pour

Jose

Due to inclement weather TCC is rescheduling pouring of wingwalls to Tuesday morning. I will confirm time on Monday.

Thank you,

Ruben Flores
Project Controls – Texas Cordia Construction

3149-A Center Pointe Dr., Edinburg, TX 78539
O: (956) 627-6181 / M: (956) 624-8453
Fax: (956) 386-0289
ruben@texascordia.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

Billy Ortiz

From: Rick Gil
Sent: Monday, January 09, 2017 9:51 AM
To: Billy Ortiz
Subject: FW: J-09 Wingwall - Concrete pour

See the request below for the J-09 Project.

Rick

From: Victor Longoria [<mailto:VLongoria@tedsi.com>]
Sent: Monday, January 09, 2017 9:49 AM
To: Rick Gil
Cc: Billy Ortiz; Celia Almaguer; Jose A. Sanchez
Subject: FW: J-09 Wingwall - Concrete pour

Good morning Rick,

Please see email below from Ruben Flores, TCC - testing required at the outfall.

Please advise.

Thank you...

Victor Longoria, E.I.T.
Engineering Designer

TEDSI INFRASTRUCTURE GROUP
1201 E. EXPRESSWAY 83
Mission, Texas 78572
(956) 424-7898 office
(956) 424-7022 fax
email: vlongoria@tedsi.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.

From: Ruben [<mailto:ruben@texascordia.com>]
Sent: Monday, January 09, 2017 9:01 AM
To: Jose A. Sanchez; Victor Longoria
Cc: Isaac Heredia; 'Yara M. Corbitt, P. E'; Lydia Rodriguez; 'Roy Chapa'
Subject: RE: J-09 Wingwall - Concrete pour

Good morning

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Thank you,

Ruben Flores
Project Controls – Texas Cordia Construction

3149-A Center Pointe Dr., Edinburg, TX 78539
O: (956) 627-6181 / M: (956) 624-8453
Fax: (956) 386-0289
ruben@texascordia.com

From: Ruben [<mailto:ruben@texascordia.com>]
Sent: Friday, January 6, 2017 5:21 PM
To: 'Jose A. Sanchez' <JASanchez@tedsi.com>; 'Victor Longoria' <VLongoria@tedsi.com>
Subject: J-09 Wingwall - Concrete pour

Jose

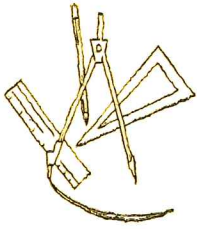
Due to inclement weather TCC is rescheduling pouring of wingwalls to Tuesday morning. I will confirm time on Monday.

Thank you,

Ruben Flores
Project Controls – Texas Cordia Construction

3149-A Center Pointe Dr., Edinburg, TX 78539
O: (956) 627-6181 / M: (956) 624-8453
Fax: (956) 386-0289
ruben@texascordia.com

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you are NOT the intended recipient and receive this communication, please delete this message and any attachments. Thank you.



L&G Engineering

Transportation Consultants

February 28, 2017

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAR 01 2017

10:00 AM / PM

BY: WA

Mr. Raul Sesin
Attn: Mr. Jaime Salazar
Hidalgo County Drainage District No. 1
902 N. Doolittle Rd.
Edinburg, Texas 78541

**RE: J-09 Drain Improvements Ph. II (Rio Grande Care Rd. to N. Main Drain)
Construction Materials Testing On-Call Contract - Work Authorization #4
Project No. # E871601**

Dear Mr. Salazar:

Attached for your review and approval is our invoice for the services rendered under Work Authorization #4 on the subject referenced project for the month of February.

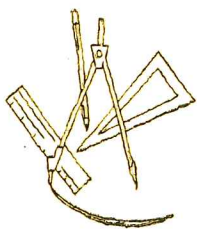
The following is attached:

- L&G's Invoice # 17-2-000055
- Test Reports and progress letters as prepared and forwarded to HCDD No. 1 and all parties involved on the project.

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

Sincerely,

Ricardo A. Gil
General Manager
Laboratory Operations



February 28, 2017

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAR 01 2017

10:00 AM/PM

BY: MAP

Mr. Raul Sesin, P.E.
Attn: Mr. Jaime Salazar
Hidalgo County Drainage District No. 1
902 N. Doolittle Road
Edinburg, Texas 78541

RE: J-09 Drain Improvements Ph. II (Rio Grande Care Rd. to N. Main Drain)

Dear Mr. Salazar:

Included for your use with this letter is test report **R028-28** for **Construction Materials Testing Services** performed on the above referenced project. All test results meet or exceed 3600 PSI @ 28 day requirements. Also included for your information, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project, and we look forward to working with you in the future.

If you have any questions, please feel free to contact me at 956-565-0760.

Sincerely,

Ricardo A. Gil
General Manager

Attachments

Cc: Texas Cordia Construction, LLC
TEDSI Engineering, Attn: Jose A. Sanchez



L&G Engineering
Transportation Consulting Engineers

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

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

Letter of Transmittal

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

DATE:
March 1, 2017

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

L&G PROJECT NO.:
130105

TRANSMITTED:

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

VIA:

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

COPIES

DESCRIPTION

REMARKS:

Attached is our progress report for the month of February 2017.

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

Thank you,

Armando J. Sandoval P.E.
Armando J. Sandoval, P.E.
Project Manager

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAR 01 2017

12:19 AM (PM)
BY: *MAP*

Received By



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 2/23/2017

Engineer/Firm Name: Half Associates, Inc.

Project Name/Number: HCDD1 Former Firing Range Berm, WA No. 2

Invoice No.: M221771

Invoice Date: 2/21/2017

Due Date: 3/25/2017

Purchase Order No.: 629455

Amount: \$2,940.00

Total # of Pages Submitted: 2

Attachments: CD USB Plans Other: _____

Engineering:

Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____

FFR 23 2017

9:15 AM PM

BY: MAP

INVOICE
 **HALFF**

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

REMITTANCE ADDRESS
Half Associates, Inc
P.O. Box 678316
Dallas, TX 75267
www.halff.com

HIDALGO COUNTY DRAINAGE DISTRICT #1
902 N. DOOLITTLE
EDINBURG, TX 78542

Invoice Date : 02/21/2017
Invoice # : M221771
Project : 31392
Invoice Group : 02
Client Code : HIDALG

Attention: Mr. Raul Sesin

Project Name : HCDD#1\Former Firing Range Berm

For Professional Services Rendered through: 2/5/2017

Re: Engineering Services \ Subsurface Investigation
Rifle\Handgun Firing Range Project
TCEQ TRRP Applicability Evaluation & Environmental Remediation
Edinburg, TX
Purchase Order#: 629455

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

Phase / Task / Name	Fee	Previous Amount	Current Amount	Total Fee Earned	Budget Remaining
WA02 -- TCEQ TRRP Applicability & Remediation	151,788.00	131,069.55	2,940.00	134,009.55	17,778.45
Totals:	151,788.00	131,069.55	2,940.00	134,009.55	17,778.45

Project Fee: 151,788.00
Prior Billings: 131,069.55
Total Available: 20,718.45

Total this Invoice 2,940.00
Amount Due this Invoice 2,940.00

Phase :WA02 -- TCEQ TRRP Applicability& Remediatio

Task : **** -- Defaul Task

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
DRAFTSMAN - ENVIRONMENTAL - LEVEL 4				
Adam G. Hamrick	02/01/2017	4.00	60.00	240.00
GEOLOGIST, GRADE 5				
Lee E. Beeson	01/20/2017	5.50	120.00	660.00
RACR	01/31/2017	1.50	120.00	180.00
APAR	02/01/2017	4.00	120.00	480.00
APAR	02/02/2017	6.00	120.00	720.00
APAR	02/03/2017	5.50	120.00	660.00
		-----		-----
		22.50		2,700.00
Rate Schedule Labor				2,940.00

Total Task : **** -- Defaul Task

Labor : 2,940.00
Expense : 0.00

Total Phase : WA02 -- TCEQ TRRP Applicability& Remediatio

2,940.00

Total Project: 31392 -- HCDD#1\Former Firing Range Berm

2,940.00



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 2/23/2017

Engineer/Firm Name: Half Associates, Inc.

Project Name/Number: HCDD1 Former Firing Range Berm, WA No. 3

Invoice No.: M221772

Invoice Date: 2/21/2017

Due Date: 3/25/2017

Purchase Order No.: 630639

Amount: \$1,942.52

Total # of Pages Submitted: 2

Attachments: CD USB Plans Other: _____

Engineering: Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

FEB 23 2017

9:15 AM PM

BY: WJP

INVOICE
 **HALFF**

ENGINEERS ARCHITECTS SCIENTISTS PLANNERS SURVEYORS

REMITTANCE ADDRESS
Half Associates, Inc
P.O. Box 678316
Dallas, TX 75267
www.halff.com

HIDALGO COUNTY DRAINAGE DISTRICT #1
902 N. DOOLITTLE
EDINBURG, TX 78539

Invoice Date : 02/21/2017
Invoice # : M221772
Project : 31392
Invoice Group : 03
Client Code : HIDALG

Attention: Mr. Jaime Salazar

Project Name : HCDD#1\Former Firing Range Berm

For Professional Services Rendered through: 2/5/2017

Re: Engineering Services \ Subsurface Investigation
Evacuation and Disposal of Lead Impacted Soil
Rifle\Handgun Firing Range Project
Edinburg, TX
Purchase Order#: 630639

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

Phase / Task / Name	Fee	Previous Amount	Current Amount	Total Fee Earned	Budget Remaining
WA03 -- Subsurface Remediation	69,540.00	67,597.48	2,050.00	69,647.48	-107.48
Totals:	69,540.00	67,597.48	2,050.00	69,647.48	-107.48

Project Fee: 69,540.00
Prior Billings: 67,597.48
Total Available: 1,942.52

***Maximum Fee Exceeded ***

Total this Invoice 1,942.52
Amount Due this Invoice 1,942.52

Phase :WA03 -- Subsurface Remediation

Task : **** -- Default Task

Rate Schedule Labor

<u>Class / Employee Name</u>	<u>Date</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
GEOLOGIST				
S Kent Belaire	01/26/2017	1.00	205.00	205.00
	01/27/2017	3.00	205.00	615.00
	01/30/2017	4.00	205.00	820.00
	01/31/2017	2.00	205.00	410.00
		-----		-----
		10.00		2,050.00
Rate Schedule Labor				2,050.00

Total Task : **** -- Default Task

Labor : 2,050.00
Expense : 0.00

Total Phase : WA03 -- Subsurface Remediation

2,050.00

Total Project: 31392 -- HCDD#1\Former Firing Range Berm

2,050.00



Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 2/10/2017

Engineer/Firm Name: S&B Infrastructure

Project Name/Number: Raymondville Drain Project, WA No. 17

Invoice No.: U9444.103/812-18A

Invoice Date: 11/8/2016

Due Date: 3/12/2017

Purchase Order No.: 626525

Amount: \$240,079.00

Total # of Pages Submitted: 7

Attachments: CD USB Plans Other: _____

Engineering:

Construction:

Received By: Maria Perez

Forwarded to:

Nora D. Cavazos _____ Date: _____

Esther Layton _____ Date: _____

Claudette Guerrero _____ Date: _____

Jose N. Saldivar _____ Date: _____

Lora Briones _____ Date: _____

Additional Comments: _____



Raymondville Drain Project, Project for Flood Control
Lower Rio Grande Basin, (Hidalgo & Willacy Counties), Texas
Water Resources Development Act (WRDA) 1986, Title IV, Section 401,
As Amended by WRDA 2007



INVOICE TRANSMITTAL

S&BI Invoice U9444.103&812-18A

10 January 2017

To: Lora Briones, HCDD1 Financial Officer
Claudette Guerrero, HCDD1 Accountant
José "Noe" Saldivar, PE, HCDD1 Engineer

From: **Sharlotte L. Teague, PE, S&BI Senior Project Manager**

Dear Lora, Claudette, and Noe,

Transmitted herewith is above-referenced S&BI invoice. Under this invoice, we are respectfully requesting payment as follows:

Work Performed Under: S&BI Work Authorization No. 17

Performance Period: thru September 30, 2016

Work Tasks Performed:

For this invoice, we are primarily requesting compensation for **the following** work (see "Expanded Progress Report" attached to invoice; tasks performed are outlined as follows:

1. GCM :

- a. Updated Construction Estimates for Hidalgo and Willacy Counties
 - i. Updated Costs to reflect updated pricing averages available
 - ii. Updated Quantities to reflect changes in work estimated to be performed
- b. Prepared Funding Scenarios for various Funding Options for Phase 1
 - i. Option 1 – Segments 1-4 Used as a Linear Detention Basin
 - Full ROW Acquisition of Segments 1-4
 - Full Utility Adjustments of Segments 1-4
 - Full Construction of Segments 1 1-4
 - Construction of Control Structure at Segment 1 and North Main Drain Junction
 - ii. Option 2 – Construction of Pilot Channel to Delta Lake Drain South Main Drain
 - Full ROW Acquisition of Segments 1-6
 - Full Utility Adjustments of Segments 1-6
 - Full Construction of Segment 1
 - Construction of a Pilot Channel from Segment 2 to Delta Lake South Main Drain
 - Construction of Control Structure at Segment 1 and North Main Drain Junction
 - Construction of Control Structure at Segment 6 and Delta Lake South Main Drain Junction
- c. Prepared a Hazard Mitigation Grant Program Application under FEMA-4245-DR
 - i. Prepared application as per TDEM and FEMA Standards

RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

FEB 10 2017

11:35 AM / PM

BY: *gshen*



Raymondville Drain Project, Project for Flood Control
Lower Rio Grande Basin, (Hidalgo & Willacy Counties), Texas

Invoice Transmittal, S&BI Invoice U9444.103&812-16a, 3 August 2016

- ii. Prepared FIRMette to display location of proposed project
- d. Meetings
 - i. Water Rights Teleconference
 - Read over draft Water Permit No. 13195 from TCEQ
 - Proposed adjustments to Water Permit Language to make it less restrictive during necessary times
 - Consulted with TCEQ to state the intent of the proposed language and how it would be received
 - Prepared a response letter from HCDD#1 to TCEQ to deliver the proposed changes and notice to proceed with the permit process
 - ii. Internal Team Meetings
 - Identified pages in the plan sets that required updates
 - a. Inconsistencies in scale
 - b. Inconsistencies in dimensions
 - Assigned team members to address updates

2. Engineering / Design (HC):

- a. Research and Report on alignment options for Phase 1 Segment 1
- b. Field Drains
 - i. Investigated locations of existing field drains locations and size along current Raymondville Drain
 - Team sent people into the field to find existing field drains
 - Determine inflow and outflow locations
 - Prepare preliminary status on how each would impact proposed improvements
 - ii. Prepared preliminary list of locations for new field drains in Segments 1 & 2
 - Segment 1 – Recommended 4 Field Drains
 - a. 2 on east side of ROW within Proposed Berm 1
 - b. 1 on east and 1 one west side of ROW within Proposed Berm 2
 - Segment 2 – Recommended 11 Field Drains
 - a. 2 on south side of ROW within Proposed Berm 3
 - b. 5 on east side and 4 on west side of ROW within Proposed Berm 2
 - iii. Prepared drawings for proposed new field drains
 - Full Drain Cross Section View describing interaction between field drain and bench
 - Field Drain Outflow Profile View detailing concrete riprap around outflow
 - Field Drain Inflow details
- c. Ran Earthwork Estimates for various interim build options
 - i. Earthwork was performed to prepare estimates described in Item **1.b.ii.**



Raymondville Drain Project, Project for Flood Control
Lower Rio Grande Basin, (Hidalgo & Willacy Counties), Texas

Invoice Transmittal, S&BI Invoice U9444.103&812-16a, 3 August 2016

- ii. Pilot Channels in Earthwork were constructed with 3:1 sides and 4:1 sides to examine cost efficiency
- d. Prepared a Structures Report and exhibits for Phase 1 Segment 1
 - i. Constructed using eight (8) 10' x 7' pre-cast concrete boxes
 - ii. Maximum Design flow of 1300 cfs.
 - iii. During final build, each boxes are intended to remain open but can be closed when necessary
- e. Prepared a 24-Hour Storm Area Analysis for various junctions within the proposed system
- f. Utilities
 - i. Prepared Utility Report which provides:
 - Potential utility conflicts
 - Proposed actions
 - Pros and Cons of Proposed actions
 - Estimate of proposed action when applicable
 - Additional notes about each conflict
 - ii. Updated Utilities List
 - iii. Coordinated with Utility Companies
 - American Electric Power Service Corporation
 - Spectra Energy
 - Union Pacific Railroad
 - iv. Preliminary Research of Railroad Crossing at US-77
 - Permit for Nonintrusive Civil Engineering Survey Work
- g. Environmental
 - i. Researched USFWS and USACE Habitat Evaluation Procedures (HEP) Analysis Requirements
 - USACE has requested a HEP Analysis, as described by USFWS, be performed for the project
 - USFWS guidelines for a HEP Analysis include
 - a. Habitat as a Basis for Environmental Assessment: 101 ESM
 - b. Habitat Evaluation Procedures: 102 ESM
 - c. Standards for Development of HSI Models: 103 ESM
 - ii. Developed a Plan of Action for the USFWS HEP Analysis
 - Determine the Applicability of the HEP
 - Determine Alternatives for the Project
 - Determine Studied Species
 - Determine Baseline Habitat Units



Raymondville Drain Project, Project for Flood Control
Lower Rio Grande Basin, (Hidalgo & Willacy Counties), Texas

Invoice Transmittal, S&BI Invoice U9444.103&812-16a, 3 August 2016

- Determine Future Habitat Units
- Compare Proposed Actions to Baseline Habitat Units
- Develop Compensation Plans If Applicable

4. H&H Design (WC):

- a. Flood Mitigation Modeling
 - i. Created models developing additional Detention Areas along the project length to check their impacts on flood mitigation downstream
 - ii. Adjusted slope within model to increase storage upstream and relocate lateral structure
 - iii. Adjusted flowline within model at Delta Lake to examine flood mitigation at detention basins to adjust for steeper flowline slopes at Raymondville.
 - iv. Updated geometry in model to account for changes to levees and bridges
- b. Continued the adjustment of HMS Models to 24-Hour flows for RVD and Willacy Reaches
- c. Worked on SAR from HMS Outputs
- d. Reviewed HEC-RAS Flood Mitigation Models
- e. Prepared H&H Report detailing modeling impacts and recommendations

5. Engineering – Final Schematic (WC):

- a. Updated Schematic to Reflect Work Performed
 - i. Added Utility Locations
 - ii. Added Utility Details
 - iii. Added Structures

Electronic back-up has been provided in the attached USB.

Respectfully Submitted By: _____
Sharlotte Lynne Teague, PE

Attachments: S&BI Invoice U9444.103&812-18a with Expanded Line-Item Progress Report
USB (Electronic Copies of Technical Back-up as listed above and Sub-provider Invoice)



INVOICE

November 8, 2016

Hidalgo County Drainage District No. 1
Attention: Lora Briones, Financial Officer
902 N. Doolittle
Edinburg, Texas 78542

Project Description:
Raymondville Drain
Work Authorization No. 17 "Hidalgo and Willacy Counties - Planning, Design, Preliminary Engineering"

S&B Invoice No.: U9444.103/812-18A
Invoice Period: July 1, 2016 through September 30, 2016

	QTY	UNIT	UNIT PRICE	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
Hidalgo & Willacy Counties -Planning, Design, Preliminary Engineering, and PS&E	1	LS	\$5,599,008	69%	\$ 3,838,582.00	\$ 3,598,502.00	\$ 240,079.00
PAYMENT IS REQUESTED IN THE AMOUNT OF:							\$ 240,079.00

I hereby certify that this invoice is true and correct, and that all services indicated have been provided.

S & B INFRASTRUCTURE, LTD.

Charlotte L. Teague, PE
Senior Project Manager

IN ACCORDANCE WITH OUR CONTRACT,
PLEASE REMIT **BY FED EX:** \$ 240,079.00

FED EX ACCOUNT NO. 2887-7404-8

S&B INFRASTRUCTURE, LTD.
ATTN: MIKE MANTHOS PHONE: 713.845.5401
3535 Sage Road
Houston, Texas 77056

Attachments:
PROGRESS REPORT NO. 18B

Raymondville Drain, Project for Flood Control
Hidalgo County Drainage District No. 1 / S&B Infrastructure, Ltd.
Work Authorization No. 17

Expanded Progress Report U9444.103&812-18A Thru September 30, 2016					
Expanded Description	Estimated Line Item Budget	% Complete	Invoice To-Date Amount	Previously Invoiced	Amount Due This Invoice
Work Authorization No. 17:					
1 GCM	\$703,663	90%	\$ 633,297	\$ 595,250	\$ 38,047
2 Engineering / Design (HC)	\$653,667	92%	\$ 601,374	\$ 555,617	\$ 45,757
3 Prelim Compensable Utilities (HC)	\$227,008	65%	\$ 147,555	\$ 147,555	-
4 H&H Design (WC)	\$930,776	85%	\$ 791,160	\$ 744,621	\$ 46,539
5 Engineering - Planning Schematic (WC)	\$893,524	58%	\$ 518,244	\$ 408,506	\$ 109,738
6 Prelim ROW / Design Survey (WC)	\$354,932	25%	\$ 88,733	\$ 88,733	-
7 Prelim ROW Acquis Admin (WC)	\$270,500	0%	-	-	-
8 Geotechnical (WC)	\$1,564,938	68%	\$ 1,058,217	\$ 1,058,217	-
SUB-TOTAL (WA 17):	\$5,599,008	69%	\$ 3,838,580	\$ 3,598,501	\$ 240,079

Back-up for Inv
U9444.103¹812-18A

