



**CONSENT AGENDA  
DRAINAGE DISTRICT  
BOARD OF DIRECTORS  
July 11, 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being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon.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 -60494** Discharge Permit  
Quintanilla, Headley & Associates, Inc.- San Jacinto Estates No. 4 Phase I  
(Structure No. 1)
  
3. **AI -60495** Discharge Permit  
Quintanilla, Headley, and Associates- San Jacinto Estates No. 4 Phase 1  
(Structure 2)
  
4. **AI -60496** Discharge Permit  
Quintanilla, Headley, & Associates, Inc.- San Jacinto Estates NO. 4 Phase  
1 (Structure No. 3)
  
5. **AI -60519** Discharge Permit  
Melden & Hunt, Inc.- Mon Mack Landing Phase I Subdivision  
X(coordinate) 1080057.2710  
Y(coordinate) 16635748.5718

1. **AI -60540** Discharge Permit  
Quintanilla, Headley & Associates, Inc.- San Martin Subdivision No. 3
  
1. **AI -60633**
  1. 2013 Bond Projects - Raymondville Drain - TWDB funding  
Request approval to process invoice # U9444.103/812-22A in the amount of \$18,379 to S & B Infrastructure for Engineering services relating to compensable Utilities and H & H design. Work Authorization No. 17 P.O. number #626525
  
  2. 2013 RDD Precinct #2 Minnesota - Cesar Chavez Road, Requesting payment of Invoice # 9808 in the amount \$3,000 to Quintanilla Headley and Associates for Surveying Services. P.O. 631913
  
  3. District in House Project - Monte Cristo Drain - J-02, Requesting payment of invoice # 9807 in the amount of \$ 2,040 to Quintanilla , Headley and Associates for surveying services P.O. 631891

**AI -60494**

**2.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge Permit

Quintanilla, Headley & Associates, Inc.- San Jacinto Estates No. 4 Phase I  
(Structure No. 1)

BACKGROUND

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Fiscal Impact

Attachments

Discharge Permit

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Salinas

07/07/2017 04:29 PM

Form Started By: Esther Layton

Started On: 06/27/2017 04:09 PM

Final Approval Date: 07/07/2017

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

Applicant: San Jacinto Enterprises, LLC Permit No: \_\_\_\_\_

Address: 2100 W. Expressway 83, Mercedes, Texas 78570

Subdivision Name: San Jacinto Estates No.4 Phase I (Structure No.1)

Name of Receiving Ditch: HCCID No.9 Drain Ditch (4E2)

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

X(coordinate): 1159784.05 Y(coordinate): 16619798.78  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 32.55 c.f.s.

Number of Acres Developed: 32.42 ac. Size of Pipe: 30" 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: 52.00

Flow line Receiving Ditch: 51.62 Top of Water Receiving Ditch: 51.75

Top of Ditch Elevation: 60.25 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 1.49 Formula Used: TxDOT Nomograph

Project Engineer: Marco A. Gonzalez, 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.

HCCID #9  
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 6/26/2017

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 -60495**

**3.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge Permit

Quintanilla, Headley, and Associates- San Jancinto Estates No. 4 Phase 1 (Structure  
2)

BACKGROUND

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Fiscal Impact

Attachments

Discharge Permit

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Salinas

07/07/2017 04:29 PM

Form Started By: Esther Layton

Started On: 06/27/2017 04:13 PM

Final Approval Date: 07/07/2017

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

Applicant: San Jacinto Enterprises, LLC Permit No: \_\_\_\_\_

Address: 2100 W. Expressway 83, Mercedes, Texas 78570

Subdivision Name: San Jacinto Estates No.4 Phase I (Structure No.2)

Name of Receiving Ditch: HCCID No.9 Drain Ditch (4E2)

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

X(coordinate): 1158966.79 Y(coordinate): 16620594.57  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 32.55 c.f.s.

Number of Acres Developed: 32.42 ac. Size of Pipe: 48" 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: 51.10

Flow line Receiving Ditch: 50.58 Top of Water Receiving Ditch: 50.75

Top of Ditch Elevation: 61.64 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 2.18 Formula Used: TxDOT Nomograph

Project Engineer: Marco A. Gonzalez, 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.

HCCID #9  
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 6/26/2017

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 -60496**

**4.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge Permit

Quintanilla, Headley, & Associates, Inc.- San Jacinto Estates NO. 4 Phase 1  
(Structure No. 3)

BACKGROUND

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Fiscal Impact

Attachments

Discharge Permit

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Salinas

07/07/2017 04:29 PM

Form Started By: Esther Layton

Started On: 06/27/2017 04:17 PM

Final Approval Date: 07/07/2017

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

Applicant: San Jacinto Enterprises, LLC Permit No: \_\_\_\_\_

Address: 2100 W. Expressway 83, Mercedes, Texas 78570

Subdivision Name: San Jacinto Estates No.4 Phase I (Structure No.3)

Name of Receiving Ditch: HCCID No.9 Drain Ditch (4E2)

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

X(coordinate): 1159800.89 Y(coordinate): 16619357.39  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 32.55 c.f.s.

Number of Acres Developed: 32.42 ac. Size of Pipe: 30" 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: 52.00

Flow line Receiving Ditch: 51.62 Top of Water Receiving Ditch: 51.75

Top of Ditch Elevation: 66.00 Top of water of Connecting Ditch Lateral: N/A

Head Loss Calculated: 1.49 Formula Used: TxDOT Nomograph

Project Engineer: Marco A. Gonzalez, 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.

HCCID #9  
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 6/26/2017

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 -60519**

**5.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge Permit

Melden & Hunt, Inc.- Mon Mack Landing Phase I Subdivision

X(coordinate) 1080057.2710

Y(coordinate) 16635748.5718

BACKGROUND

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Fiscal Impact

Attachments

Discharge Permit

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Salinas

07/07/2017 04:29 PM

Form Started By: Esther Layton

Started On: 06/29/2017 01:24 PM

Final Approval Date: 07/07/2017

APPLICATION FOR DISCHARGING STORM WATER INTO HCDD1 SYSTEM AND/OR HCID SYSTEM

Applicant: Mon-Mack Landing, LLC (Joseph Holand, Mgr.)c/o Melden & Hunt Inc. Permit No: \_\_\_\_\_

Address: 115 W. McIntyre, Edinburg, Texas 78541

Subdivision Name: Mon Mack Landing Phase 1

Name of Receiving Ditch: Lomas Y Lagos Drain Ditch -West Main Drain Ditch

Location or Drainage Area(Furnish Location Map): 555' North of the intersection Sprague Rd. & Mon Mack Rd. on Wesy side

X (coordinate): 1080057.2710 Y (coordinate): 16635748.5718  
(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Discharge (Q): 10.05

Number of Acres Developed: 34.43 Size of Discharge Structure: 42"

Discharge Flow line of Discharge Structure: 90.19

Flow line Receiving Ditch: 87.06 Top of Water Receiving Ditch: 94.04

Top of Receiving Ditch Elevation: 96.04 Top of water of Connecting Ditch: N/A

Head Loss Calculated: 0.04 Formula Used: TXDOT Hydraulic Manual Nomograph K (for n=0.013 only)

Project Engineer: Fred L. Knuth, PE, RPLS Melden & Hunt, LLC  
(Engineer's Name) (Firm's Name)

115 W. McIntyre 956-381-0201 956-381-1839  
(Address) (Phone #) (Fax #)

[Signature] 6-26-17  
(Engineer Signature) (Date)

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

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

Ponciano N. Longoria 6/26/17  
(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. If not an Irrigation District facility, please fill out info and initial next to statement:

Irrigation District  
By (Printed Name): Rusty McDaniel Signature: [Signature]  
Title: General Mgr Date: 6-28-17

Not an Irrigation District Facility

APPROVAL OF DRAINAGE DISTRICT

APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

By: \_\_\_\_\_  
(Chairman of the Board HCDD1)

\*\* This application requires Board of Director's approval. Irrigation District approval, if required, will be needed before HCDD1 may consider formal action on application. 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  
01/21/2016

**AI -60540**

**1.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Discharge Permit

Quintanilla, Headley & Associates, Inc.- San Martin Subdivision No. 3

BACKGROUND

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Fiscal Impact

Attachments

Discharge Permit

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Salinas

07/07/2017 04:29 PM

Form Started By: Esther Layton

Started On: 06/30/2017 10:19 AM

Final Approval Date: 07/07/2017

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

Applicant: Buena Tierra Holdings, LLC Permit No: \_\_\_\_\_

Address: 3714 S. Expressway 281, Edinburg Texas 78539

Subdivision Name: San Martin Subdivision No.3

Name of Receiving Ditch: Donna Irrigation District Ditch

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

X(coordinate): 16622656.60 Y(coordinate): 1127898.45

(NAD 1983 Texas South FIPS 4205 feet)

New or existing entrance: New Calculated Run-off: 41.38 C.F.

Number of Acres Developed: 39.99 ac Size of Pipe: 18" R.C.P. Choke

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

Discharge Flow line of Pipe, Box Culvert, Ditch Lateral: 68.73

Flow line Receiving Ditch: 67.73 Top of Water Receiving Ditch: 68.00

Top of Ditch Elevation: 79.97 Top of water of Connecting Ditch Lateral: \_\_\_\_\_

Head Loss Calculated: 0.60 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.  
DONNA IRRIGATION DISTRICT  
HIDALGO COUNTY NUMBER ONE  
(Irrigation District)

By: [Signature]

Title: General Manager

Date: 6/26/17

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 -60633**

**1.**

**DRAINAGE - CONSENT**

Meeting Date: 07/11/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

- 1. 2013 Bond Projects - Raymondville Drain - TWDB funding  
Request approval to process invoice # U9444.103/812-22A in the amount of \$18,379 to S & B Infrastructure for Engineering services relating to compensable Utilities and H & H design. Work Authorization No. 17 P.O. number #626525
- 2. 2013 RDD Precinct #2 Minnesota - Cesar Chavez Road, Requesting payment of Invoice # 9808 in the amount \$3,000 to Quintanilla Headley and Associates for Surveying Services. P.O. 631913
- 3. District in House Project - Monte Cristo Drain - J-02, Requesting payment of invoice # 9807 in the amount of \$ 2,040 to Quintanilla , Headley and Associates for surveying services P.O. 631891

BACKGROUND

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Fiscal Impact

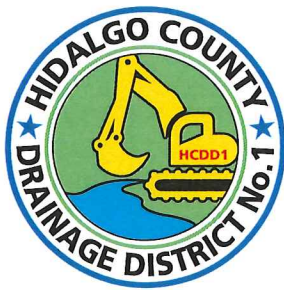
Attachments

S & B invoice U9444.103812 22A  
Quintanilla, 9807 and 9808

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Salinas	07/07/2017 04:29 PM
Form Started By: Lora Briones		Started On: 07/07/2017 08:48 AM
Final Approval Date: 07/07/2017		



**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

**S&B**

**INFRASTRUCTURE, LTD.**  
Engineering \* Management \* Technology

## INVOICE TRANSMITTAL

**S&BI Invoice U9444.103&812-22A**  
20 April 2017

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

JUN 30 2017

12:53 AM/PM

BY: MAP

**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 March 31, 2017

**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. Prelim Compensable Utilities (HC):**

- a. Researched and Acquired current natural gas easements for Phase 1 Segment 1
  - i. Texas Gas
  - ii. NuStar
- b. Updated Utility Layout Exhibits for Hidalgo County Phase 1 Segments 1 through Segment 7
- c. Developed Utility Contact list for Hidalgo County Conflicts

**2. H&H Design (WC):**

- a. Flood Mitigation RAS Modeling
  - i. Updated of RVD RAS model- Updated the RAS model by updating the geometry specifically the detention pond and its control structures.
- b. Flood Mitigation HMS Modeling
  - i. Updated RVD HMS model for 2,5,100yr flows
  - ii. Updated RVD-Willacy HMS with no diversion of flows towards Main Flood Water Channel.
- c. Storm Area Reduction Modeling
  - i. Updated NMD to RVD 24hr-100 year diversion inflows.
  - ii. Updated Willacy Storm Area Reduction Analysis
  - iii. Updated Delta Lake Storm Area Reduction Analysis
  - iv. Updated SAR RVD.
  - v. Updated Summary of Flows.
- d. Modeled Peak Flow Rates in Willacy County at Multiple Junctions with and without diverted flows during various Storm Event and Historical Conditions



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

**Invoice Transmittal, S&BI Invoice U9444.103&812-22a, 30 June 2017**

- i. Storm Intensities Modeled – 500 YR, 250 YR, 100 YR, 50 YR, 25 YR, 5 YR, 2 YR
- ii. Historical Storms Modeled – Hurricane Beulah, November 2002 Storm

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

Respectfully Submitted By:

  
\_\_\_\_\_  
**Charlotte Lynne Teague, PE**

**Attachments:** S&BI Invoice U9444.103&812-22a with Expanded Line-Item Progress Report  
USB (Electronic Copies of Technical Back-up as listed above)



**INVOICE**

April 20, 2017

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.: U9444.103/812-22A  
 Invoice Period: March 1, 2017 through March 31, 2017

	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	73%	\$ 4,106,543.00	\$ 4,088,164.00	\$ 18,379.00
<b>PAYMENT IS REQUESTED IN THE AMOUNT OF:</b>							<b>\$ 18,379.00</b>

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:** \$ 18,379.00

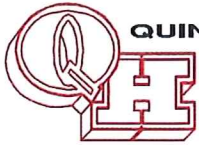
**FED EX ACCOUNT NO. 2887-7404-8**  
 S&B INFRASTRUCTURE, LTD.  
 ATTN: MIKE MANTHOS PHONE: 713.845.5401  
 3535 Sage Road  
 Houston, Texas 77056

Attachments:  
 PROGRESS REPORT NO. 22A

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&812-22A Thru March 31, 2017					
Expanded Description	Estimated Line Item Budget	% Complete	Invoice To-Date Amount	Previously Invoiced	Amount Due This Invoice
<b>Work Authorization No. 17:</b>					
1 GCM	\$703,663	98%	\$ 689,590	\$ 689,590	\$ -
Sub-total (GCM)	\$703,663		\$ 689,590	\$ 689,590	\$ -
2 Engineering / Design (HC)	\$653,667	93%	\$ 607,910	\$ 607,910	\$ -
3 Prelim Compensable Utilities (HC)	\$227,008	68%	\$ 154,365	\$ 147,555	\$ 6,810
4 H&H Design (WC)	\$930,776	91%	\$ 849,267	\$ 837,698	\$ 11,569
5 Engineering - Planning Schematic (WC)	\$893,524	74%	\$ 658,458	\$ 658,458	\$ -
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 (Technical)	\$4,895,345		\$ 3,416,951	\$ 3,398,572	\$ 18,379
SUB-TOTAL (WA 17):	\$5,599,008	73%	\$ 4,106,540	\$ 4,088,162	\$ 18,379





**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**

**Consulting Engineers \* Land Surveyors**

Alfonso Quintanilla, P.E. # 95534 R.P.L.S. # 4856 Eulalio Ramirez, P.E. # 77062  
Engineering Firm Registration No. F-1513  
Surveying Firm Registration No. 100411-00  
Municipal & County Projects \* Subdivisions \* Surveys  
124 E. Stubbs, Edinburg, Texas 78539  
Phone 956/381-6480 Fax 956/381-0527  
Email: [office@qhaengineering.com](mailto:office@qhaengineering.com)  
[www.qhaengineering.com](http://www.qhaengineering.com)

DATE	INVOICE No.
6/27/2017	9807

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

JUN 28 2017

3:00

AM/PM

BY:

*ml*

**BILL TO**

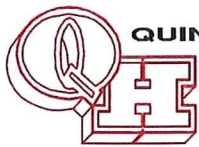
Hidalgo County Drainage Dist. No.1  
Attn: Noe Saldivar, P.E.  
902 N. Doolittle Road  
Edinburg, Texas 78539

TERMS

DESCRIPTION OF SERVICES	AMOUNT
Hidalgo County Drainage District No. 1 Professional Agreement- Monte Cristo Drain J-02 Part No. 2 Contract No. C-HCDD1-16-056-A-11-15 Proposal No. 8 Purchase Order No. 631891	2,040.00
Surveying Services: Field Survey Title Report	
Breakdown of Fees: R.P.L.S. 1 Hr @ \$160.00= \$160.00 3 Man Survey Crew 7 Hrs @ \$150.00=\$1,050.00 Computer Technician 2 Hrs @ \$85.00=\$170.00 Adminstrative 1 Hr @ \$60.00=\$60.00 Research 2 Hrs @ \$50.00=\$100.00 Title Reports 1 Hr @ \$500.00=\$500.00 Amount Due \$2,040.00	
	0.00
<b>PAYMENT IS DUE UPON RECEIPT</b>	\$2,040.00

*6/27/17*

*We appreciate your business!*



**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**

**Consulting Engineers \* Land Surveyors**  
Alfonso Quintanilla, P.E. #95534 R.P.L.S. # 4856 Eulalio Ramirez, P.E. # 77062  
Engineering Firm Registration No. F-1513  
Surveying Firm Registration No. 100411-00  
Municipal & County Projects \* Subdivisions \* Surveys  
124 E. Stubbs, Edinburg, Texas 78539  
Phone 956/381-6480 Fax 956/381-0527  
Email: [office@qhaengineering.com](mailto:office@qhaengineering.com)  
[www.qhaengineering.com](http://www.qhaengineering.com)

DATE	INVOICE No.
6/27/2017	9808

**BILL TO**

Hidalgo County Drainage Dist. No.1  
Attn: Noe Saldivar, P.E.  
902 N. Doolittle Road  
Edinburg, Texas 78539

**RECEIVED**  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

JUN 28 2017  
3:00 AM/PM  
BY: *ml*

**TERMS**

DESCRIPTION OF SERVICES	AMOUNT
Hidalgo County Drainage District No. 1 Professional Agreement-Rural Drainage Development-Minnesota Cesar Chavez Rd Contract No. C-HDCC1-16-056-A-11-15 Proposal No. 9 Purchase Order No. 631913	3,000.00
Surveying Services: Field Survey Metes and Bounds	
Breakdown of Fees: R.P.L.S. 3 Hrs @\$160.00=\$480.00 3 Man Survey Crew 8 Hrs @\$150.00=\$1,200.00 Computer Technician 6 Hrs @\$85.00=\$510.00 Administrative 1 Hr @\$60.00=\$60.00 Research 5 Hrs @\$50.00=\$250.00 Title Reports 1 Hr @\$500.00=\$500.00 Amount Due \$3,000.00	
	0.00
<b>PAYMENT IS DUE UPON RECEIPT</b>	\$3,000.00

*ml*  
06/30/17

*We appreciate your business!*