



INVOICE

February 23, 2011


Hidalgo County
 Attention: Godfrey Garza, District Manager HCDD1
 902 North Doolittle
 Edinburg, Texas 78539

Project Description:
CONTRACT NO. 2010-164-04-20
 "Design and Expansion of the Raymondville Drain Outfall System"

S&B Invoice No.: **U1445-02REV**
 Invoice Period: Thru October 31, 2010

	QTY	UNIT	UNIT PRICE	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
Design and Expansion of the Raymondville Drain Outfall System	1	LS	\$6,000,000	32%	\$ 1,933,758.00	\$ 1,118,290.00	\$ 815,468.00
PAYMENT IS REQUESTED IN THE AMOUNT OF:							\$ 815,468.00

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

S & B INFRASTRUCTURE, LTD.

Daniel O. Rios, PE
 Senior Vice-President

IN ACCORDANCE WITH OUR CONTRACT,
 PLEASE REMIT: \$ **815,468.00**

S & B INFRASTRUCTURE, LTD.
 P. O. Box 201013
 Houston, Texas 77216-1013

Attachments:
 PROGRESS REPORT NO. 2R


 5/10/2011

HIDALGO COUNTY
 APR 18 2011
 DRAINAGE DISTRICT #1

PROJECT: Raymondville Drain
 CLIENT: Hidalgo County

S&B Job Number: U1445

PROGRESS REPORT NO. 2R

Progress Period: Through October 31, 2010

DESCRIPTION		ESTIMATED LINE ITEM BUDGET	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT DUE THIS INVOICE
U1445.101 - GCM - Hidalgo County						
1	GCM - Hidalgo County	\$239,342	65%	\$155,572	\$107,704	\$ 47,868
Sub Total (GCM - Hidalgo County)		\$239,342	65%	\$155,572	\$107,704	\$ 47,868
U1445.102 - GCM-Willacy County						
2	GCM - Willacy County	\$180,367	35%	\$63,128	\$81,165	\$ 18,037
Sub Total (GCM - Willacy County)		\$180,367	35%	\$63,128	\$81,165	\$ 18,037
Note: Expanded detail for progress are shown for the following areas in Attachments A, B, and C of this report.						
U1445.201 - Environmental - Hidalgo County						
3	Environmental - Hidalgo County	\$100,000	65%	\$65,000	\$50,000	\$ 15,000
Sub Total (Environmental - Hidalgo County)		\$100,000	65%	\$65,000	\$50,000	\$ 15,000
U1445.202 - Environmental - Willacy County						
4	Environmental - Willacy County	\$2,490,000	30%	\$747,000	\$249,000	\$ 498,000
Sub Total (Environmental - Willacy County)		\$2,490,000	30%	\$747,000	\$249,000	\$ 498,000
U1445.601 - GRR - Hidalgo County (H&H, Plan Formulation, Economic Studies, Report Prep)						
5	GRR - Hidalgo County	\$368,000	50%	\$184,000	\$110,400	\$ 73,600
Sub Total (GRR - Hidalgo County)		\$368,000	50%	\$184,000	\$110,400	\$ 73,600
U1445.602 - GRR - Willacy County (H&H, Plan Formulation, Economic Studies, Report Prep)						
6	GRR - Willacy County (H&H, PlanForm, Eco, Report Prep)	\$836,145	35%	\$292,651	\$250,844	\$ 41,807
Sub Total (GRR - Willacy Coy (H&H, PlanForm, Eco, Report Prep))		\$836,145	35%	\$292,651	\$250,844	\$ 41,807
U1445.802 - GRR - Willacy County (Site Prep, Prelim Engr, Cost Estimates)						
7	GRR - Willacy County (Site Prep, Prelim Engr, Cost Estimates)	\$452,813	50%	\$226,407	\$135,844	\$ 90,563
Sub Total (GRR - Willacy Co (Site Prep, Prelim Engr, Cost Estimates))		\$452,813	50%	\$226,407	\$135,844	\$ 90,563

HIDALGO COUNTY

MAY 06 2011

DRAINAGE DISTRICT #1

PROJECT: Raymondville Drain
 CLIENT: Hidalgo County

S&B Job Number: U1445

PROGRESS REPORT NO. 2R

Progress Period: Through October 31, 2010

DESCRIPTION	ESTIMATED LINE ITEM BUDGET	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT DUE THIS INVOICE
U1445.810 - PS&E - Hidalgo County					
8 PS&E - Hidalgo County	\$1,333,333	15%	\$200,000	\$133,333	\$ 66,667
Sub Total (PS&E - Hidalgo County)	\$1,333,333	15%	\$200,000	\$133,333	\$ 66,667
Sub Total (TECHNICAL WORK ACTIVITIES)	\$6,000,000	32%	\$1,933,758	\$1,118,290	\$815,468
TOTAL:	\$6,000,000	32%	\$1,933,758	\$1,118,290	
TOTAL INVOICE AMOUNT DUE \$					815,468

Attachments:

- Attachment "A" - Environmental Detail Worksheet
- Attachment "B" - GRR Detail Worksheet
- Attachment "C" - PS&E Detail Worksheet

HIDALGO COUNTY
 MAY 06 2011
 DRAINAGE DISTRICT #1

Invoice Back-up Report
For Work Performed thru October 31, 2010



1. U1445.101 / 102 – General Contract Management (GCM) Hidalgo & Willacy Counties

- (1) Project Development Schedule - developed and maintained Project Development Schedule.
- (2) Construction Estimate – prepared format and criteria for construction estimate.
- (3) Subcontract Administration – managed and coordinated subcontractors.
- (4) Internal Management – managed and coordinated engineering and environmental activities.

2. U1445.201 / 202 – Environmental – *Hidalgo / Willacy Counties

**Hidalgo County – finalizing activities only to incorporate with the downstream (Willacy County) portion of the Project.*

- (1) Gathered all previous data, reports, documents related to the project; reviewed current guidelines and procedures.
- (2) Reviewed the existing Raymondville Drain Environmental Document dated September 2008 to determine any required updates.
- (3) Reviewed all existing maps for any required updates.
- (4) Make comments/corrections to all environmental maps.
- (5) Requested the National Diversity Database (NDD) Data (Threatened and Endangered Species) at the Texas Parks and Wildlife Department (TPWD).
- (6) Researched and downloaded information about Laguna Madre at the Texas Commission in Environmental Quality (TCEQ) website.
- (7) Researched and downloaded the Texas Parks and Wildlife Department Annotated County List of Rare Species for Hidalgo and Willacy County.
- (8) Researched and downloaded the Rare Species for Hidalgo and Willacy County at the U.S. Fish and Wildlife Services.
- (9) Researched all property owners located within the proposed Raymondville Drain Project.
- (10) Made a list of all property owners
- (11) Mapped all property owners.
- (12) Drafted a Right of Entry Request letters to all property owners.
- (13) Conducted initial fieldwork (took photos and reviewed part of the alignment)

3. U1445.601 / 602 – GRR – *Hidalgo / Willacy Counties (H&H, Plan Formulation, Economics, Report Preparation)

**Hidalgo County – finalizing activities only to incorporate with the downstream (Willacy County) portion of the Project.*

- (1) Reviewing and updating Geo Hms (Base Model) in preparation of generating flows; both the North Main Drain / MFC and the Raymondville Drain.
- (2) Reviewing and updating HecRas (Base Model) beginning to incorporate info for storm area reductions and model flows.
- (3) Evaluated locations and preliminarily identified alternate measures for plan formulation for downstream areas (Willacy County)

Hidalgo County / S&B Infrastructure, Ltd.
“Master Drainage System Phase II – Raymondville Drain Outfall System “

Invoice Back-up Report
For Work Performed thru October 31, 2010



4. U1445.802 – GRR – Willacy Counties (Site Preparation, Preliminary Engineering, Cost Estimates)

**Hidalgo County – finalizing activities only to incorporate with the downstream (Willacy County) portion of the Project.*

- (1) Identified and established Control throughout project.
- (2) Identified property owners along main project route in Willacy County including Contact Name, Address and Legal Description of Property.
- (3) Performed topographic survey of main project route (500' Cross Sections) to the extend of existing easement.
- (4) Identified Bridge Structures throughout main route of Project (Photographed each structure and obtained GPS Position).
- (5) Performed bridge inspection for all structures in main route (Deck, Superstructure and Substructure).
- (6) Prepared exhibits and language to be incorporated into Preliminary Engineering Report.
- (7) Prepared preliminary report for cost estimate for PS&E Segments

5. U1445.810 – PS&E Hidalgo County

At this time, two plan sets are being developed; Segment 2 and Segment 5:

(a) Segment 1:

- Extracted LIDAR Data
- Utilized the LIDAR Data to create a TIN file of the existing ground.
 - Created a proposed alignment for the Channel.
 - The TIN file was used to create an existing ground profile and run existing/proposed cross sections.
 - Used the existing/proposed cross sections to run earthwork for the project.
- The following Plan Sheets were created:
 - Title Sheet
 - Project Layout
 - Summary Sheets
 - Typical Sections
 - Alignment Data
 - Plan and Profile
 - Cross Sections
 - EPIC
 - SW3P

Hidalgo County / S&B Infrastructure, Ltd.
“Master Drainage System Phase II – Raymondville Drain Outfall System “

Invoice Back-up Report
For Work Performed thru October 31, 2010



- Pertinent Standards
- Utilities in the area were identified.

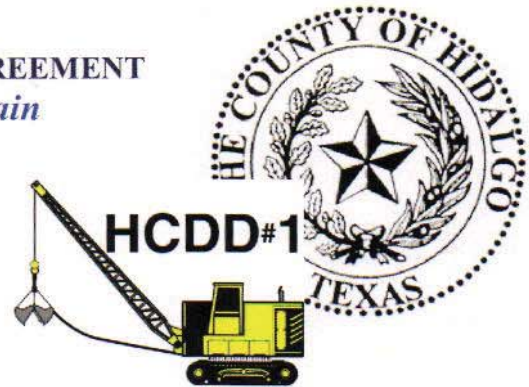
(b) Segment 2:

- Extracted LIDAR Data
- Utilized the LIDAR Data to create a TIN file of the existing ground.
 - Created a proposed alignment for the Channel.
 - The TIN file was used to create an existing ground profile and run existing/proposed cross sections.
 - Used the existing/proposed cross sections to run earthwork for the project.
- The following Plan Sheets were created:
 - Title Sheet
 - Project Layout
 - Summary Sheets
 - Typical Sections
 - Alignment Data
 - Plan and Profile
 - Cross Sections
 - EPIC
 - Pertinent Standards
- Utilities in the area were identified.

Awaiting additional survey data to update plan set.

Project Memorandum

HIDALGO COUNTY
PROFESSIONAL ENGINEERING SERVICES AGREEMENT
Design and Expansion of the Raymondville Drain
Contract No. C-10-164-04-20



S&BI Project No. U1445

6 May 2011

TO: Hidalgo County Drainage District No. 1
Attn: Minerva Luna
902 N. Doolittle
Edinburg, Texas 78539
(956) 292-7000 x-4862 fax (956) 318-2629

FROM: *Sharlotte L. Teague, PE*
Senior Project Manager
S&B Infrastructure, Ltd. - McAllen

SUBJECT: Progress Report for S&B Invoice U1445-02R

Minnie - Attached is correct progress report for U1445-02R for Contract No. 2010-164-04-20 "Design and Expansion of the Raymondville Drain Outfall System".

As always, if you have any questions, please do not hesitate to contact us at anytime.

attachments: as listed above

cc: project files (U1445 invoice)

5408 North 10th Street • McAllen, Texas 78504-2711
(956) 926-5000 • Fax (956) 994-0427

HIDALGO COUNTY
MAY 06 2011
DRAINAGE DISTRICT #1

HIDALGO COUNTY /
HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
CONTRACT NO. 2010-164-04-20



S&B
INFRASTRUCTURE LTD.
Division of Infrastructure & Technology
Texas 1582
Project: U1445

Invoice Back-up

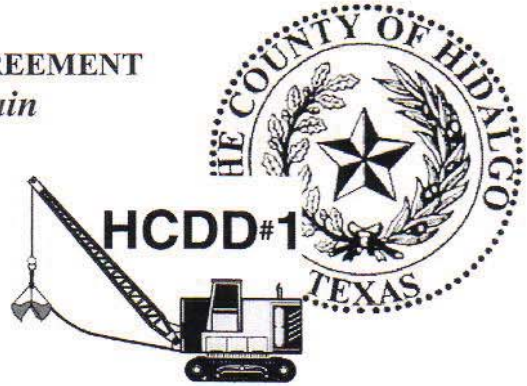
INV U1445-02R

Work performed thru 10-31-2010

HIDALGO COUNTY
APR 18 2011
DRAINAGE DISTRICT #1

Project Memorandum

HIDALGO COUNTY
PROFESSIONAL ENGINEERING SERVICES AGREEMENT
Design and Expansion of the Raymondville Drain
Contract No. C-10-164-04-20



S&BI Project No. U1445

18 April 2011

TO: **Hidalgo County Drainage District No. 1**
Attn: Minerva Luna
902 N. Doolittle
Edinburg, Texas 78539
(956) 292-7000 x-4862 fax (956) 318-2629

FROM: *Sharlotte L. Teague, PE*
Senior Project Manager
S&B Infrastructure, Ltd. - McAllen


SUBJECT: S&B Invoice U1445-02R

Minnie - Attached for your review / approval is a revised invoice (U1445-02R) for Contract No. 2010-164-04-20 "Design and Expansion of the Raymondville Drain Outfall System." The progress report has been expanded with detail as requested, and the CD back-up data has been organized by project task area.

As always, if you have any questions, please do not hesitate to contact us at anytime.

attachments: as listed above

cc: project files (U1445 invoice)


HIDALGO COUNTY
SUBMITTED
APR 18 2011
BY: ANA GARCIA
DRAINAGE DISTRICT #1

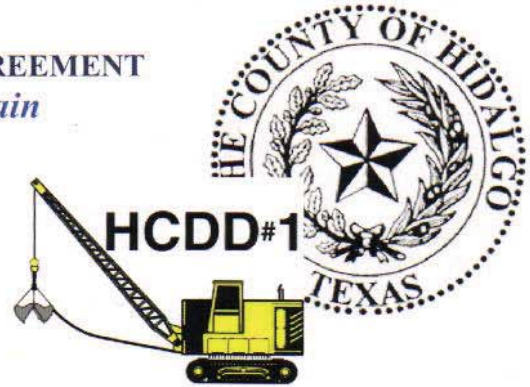
Received By: *Ana Garcia* **Date:** 4-18-11

S&B**INFRASTRUCTURE, LTD.**

Engineering • Management • Technology

Project Memorandum

**HIDALGO COUNTY
PROFESSIONAL ENGINEERING SERVICES AGREEMENT**
Design and Expansion of the Raymondville Drain
Contract No. C-10-164-04-20



S&BI Project No. U1445

18 April 2011

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HIDALGO COUNTY
APR 18 2011
DRAINAGE DISTRICT #1