

PO 125695

11/17/15

INVOICE
IDC, INC.
Fort Bend County - Crabb River Road PS&E

Bill To:
Mr. Richard Stolleis, P.E.
County Engineer
Fort Bend County
301 Jackson Street
Richmond, TX 77469

P.O. #: 125695
Project #: 402-0402
Contract Number:
Invoice Number: 10627
Invoice Date: November 11, 2015
Billing Period: October 2015

Amendment Contract Amount: \$ 2,165,059.00

Total Contract: \$ 2,165,059.00

Fee Earned: \$ 895,121.85

Total Amount Earned: \$ 895,121.85

Less Previously Invoiced: \$ 710,131.90

710,131.90

Total Invoice Amount: \$ 184,989.95

*OK, JSS
11/17/15*

WA Amount Remaining: \$ 1,269,937.15





INVOICE No. 6
 CRABB RIVER ROAD PS&E
 SCHEDULE OF VALUES

PS&E PHASE

SERVICES THROUGH: 10/31/2015

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
I. ROADWAY DESIGN					
A. Typical Sections - Existing	\$10,933.00	90.0%	\$9,839.70	\$8,746.40	\$1,093.30
B. Crabb River Road Typ Sections - Proposed	\$42,971.00	75.0%	\$32,228.25	\$25,782.60	\$6,445.65
C. Proposed Typ Sections - Side streets	\$13,324.00	50.0%	\$6,662.00	\$4,663.40	\$1,998.60
D. Roadway P&P	\$141,167.00	50.0%	\$70,583.50	\$56,466.80	\$14,116.70
E. Horizontal Align Data	\$14,689.00	90.0%	\$13,220.10	\$11,751.20	\$1,468.90
F. Thompson Road P&P	\$23,853.00	50.0%	\$11,926.50	\$7,155.90	\$4,770.60
G. Intersections Layouts & Grading	\$53,992.00	30.0%	\$16,197.60	\$16,197.60	\$0.00
H. Misc Roadway Details	\$19,995.00		\$0.00	\$0.00	\$0.00
I. Driveway Table & Details	\$10,991.00	10.0%	\$1,099.10	\$1,099.10	\$0.00
J. Roadway Standards	\$8,024.00		\$0.00	\$0.00	\$0.00
K. Roadway Summaries	\$24,467.00		\$0.00	\$0.00	\$0.00
Subtotal	\$364,406.00	44.4%	\$161,756.75	\$131,863.00	\$29,893.75
II. DRAINAGE DESIGN					
A. Drainage Area Watershed Map	\$7,118.00	80.0%	\$5,694.40	\$5,694.40	\$0.00
B. DA Layouts	\$45,105.00	75.0%	\$33,828.75	\$27,063.00	\$6,765.75
C. Drainage P&P	\$99,330.00	40.0%	\$39,732.00	\$29,799.00	\$9,933.00
D. Thompson Road Drainage P&P	\$26,221.00	40.0%	\$10,488.40	\$7,866.30	\$2,622.10
E. Crabb River Road Drainage Calcs	\$43,790.00	40.0%	\$17,516.00	\$13,137.00	\$4,379.00
F. Drainage Ditch Calcs	\$6,554.00	40.0%	\$2,621.60	\$1,966.20	\$655.40
G. Rabbs Bayou Bridge Calcs	\$13,871.00	40.0%	\$5,548.40	\$5,548.40	\$0.00
H. Gapps Slough Drainage Calcs	\$13,871.00	40.0%	\$5,548.40	\$4,161.30	\$1,387.10
I. Lateral Sheets	\$43,380.00	25.0%	\$10,845.00	\$4,338.00	\$6,507.00
J. Misc Drainage Details	\$13,242.00		\$0.00	\$0.00	\$0.00
K. Detention Pond - Rabbs Bayou	\$18,328.00	40.0%	\$7,331.20	\$5,498.40	\$1,832.80
L. Detention Pond #1 - Gapps Slough	\$14,850.00	40.0%	\$5,940.00	\$4,455.00	\$1,485.00
M. Detention Pond #2 - Gapps Slough	\$14,850.00	40.0%	\$5,940.00	\$4,455.00	\$1,485.00
N. Drainage Standards	\$8,676.00		\$0.00	\$0.00	\$0.00
O. Drainage Summaries	\$14,821.00		\$0.00	\$0.00	\$0.00
Subtotal	\$384,007.00	39.3%	\$151,034.15	\$113,982.00	\$37,052.15
III. SIGNING & PAVEMENT MARKINGS					
A. Sign & Pavement Marking Layouts	48,555.00	10.0%	\$4,855.50	\$4,855.50	\$0.00
B. Small Sign Summary	9,626.00		\$0.00	\$0.00	\$0.00
C. Pavement Marking Summary	9,626.00		\$0.00	\$0.00	\$0.00
D. Standard Details & Existing Sign Inventory	9,626.00		\$0.00	\$0.00	\$0.00
Subtotal	77,433.00	6.3%	4,855.50	4,855.50	0.00
IV. TRAFFIC SIGNALIZATION					
A. Signal Warrant - Tara Dr.	\$8,675.00	25.0%	\$2,168.75	\$867.50	\$1,301.25
B. Signal Warrant - Thompson Rd	\$8,676.00	25.0%	\$2,169.00	\$867.60	\$1,301.40
C. Signal Warrant - School Entrance	\$8,676.00	25.0%	\$2,169.00	\$867.60	\$1,301.40
D. Signal Design - Tara Dr.	\$23,123.00	35.0%	\$8,093.05	\$5,780.75	\$2,312.30
E. Signal Design - Thompsons Rd.	\$23,123.00	35.0%	\$8,093.05	\$5,780.75	\$2,312.30
F. Signal Design - School Entrance	\$23,123.00	35.0%	\$8,093.05	\$5,780.75	\$2,312.30
Subtotal	\$95,396.00	32.3%	\$30,785.90	\$19,944.95	\$10,840.95
V. MISCELLANEOUS ROADWAY					
A. Title Sheet	\$9,457.00	30.0%	\$2,837.10	\$2,364.25	\$472.85
B. Index Sheet	\$11,284.00		\$0.00	\$0.00	\$0.00
C. Project Layout Sheet	\$41,480.00	40.0%	\$16,592.00	\$12,444.00	\$4,148.00
D. Demo Sheet	\$31,307.00	20.0%	\$6,261.40	\$0.00	\$6,261.40
E. Design Cross Sections	\$54,664.00	25.0%	\$13,666.00	\$10,932.80	\$2,733.20
F. Existing Utility Layouts	\$35,371.00	40.0%	\$14,148.40	\$7,074.20	\$7,074.20
G. Proposed Utility Plan	\$35,371.00		\$0.00	\$0.00	\$0.00
H. Utility Details	\$18,766.00		\$0.00	\$0.00	\$0.00
I. Utility Summaries	\$9,517.00		\$0.00	\$0.00	\$0.00
J. BNSF RR Exhibit	\$11,694.00	100.0%	11,694.00	\$11,694.00	\$0.00
Subtotal	\$258,911.00	25.2%	\$65,198.90	\$44,509.25	\$20,689.65



INVOICE No. 6
 CRABB RIVER ROAD PS&E
 SCHEDULE OF VALUES

PS&E PHASE

SERVICES THROUGH: 10/31/2015

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
VI. GENERAL NOTES & SPECIFICATIONS					
A. Prepare General Notes & Spec List	17,188.00		\$0.00	\$0.00	\$0.00
B. Prepare Special Specs & Provisions	17,189.00		\$0.00	\$0.00	\$0.00
Subtotal	34,377.00	0.0%	0.00	0.00	0.00
VII. CONSTRUCTION COST ESTIMATE					
A. Estimate Const Cost At 30%, 60%, 90%, 100% & Final	20,112.00	30.0%	\$6,033.60	\$6,033.60	\$0.00
Subtotal	20,112.00	30.0%	6,033.60	6,033.60	0.00
VIII. ASSEMBLE PS&E					
A. 30%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.00
B. 60%	\$7,302.00		\$0.00	\$0.00	\$0.00
C. 90%	\$7,302.00		\$0.00	\$0.00	\$0.00
D. Final Submittal	\$7,303.00		\$0.00	\$0.00	\$0.00
Subtotal	\$29,209.00	25.0%	\$7,302.00	\$7,302.00	\$0.00
IX. PROJECT MANAGEMENT & COORDINATION					
A. Coord. w/ Co., TxDOT & Subs	\$49,110.00	40.0%	\$19,644.00	\$17,188.50	\$2,455.50
B. Monthly Progress Reports & Invoices	\$27,770.00	40.0%	\$11,108.00	\$9,719.50	\$1,388.50
C. Project Admin	\$32,945.00	40.0%	\$13,178.00	\$11,530.75	\$1,647.25
D. Prep & Update Schedule	\$38,995.00	40.0%	\$15,598.00	\$13,648.25	\$1,949.75
E. Attend Progress Meetings	\$28,794.00	40.0%	\$11,517.60	\$10,077.90	\$1,439.70
F. Coord. with Utilities	\$28,794.00	25.0%	\$7,198.50	\$4,319.10	\$2,879.40
G. QA/QC plan	\$24,847.00	25.0%	\$6,211.75	\$4,969.40	\$1,242.35
Subtotal	\$231,255.00	36.5%	\$84,455.85	\$71,453.40	\$13,002.45
Total IDC Labor	\$1,495,106.00	34.2%	\$511,422.65	\$399,943.70	\$111,478.95
Direct Costs					
A. IDC Expenses	\$7,226.00	20.0%	\$1,445.20	\$1,445.20	\$0.00
Total Direct Costs	\$7,226.00	20.0%	\$1,445.20	\$1,445.20	\$0.00
TOTAL IDC COSTS	1,502,332.00	34.1%	512,867.85	401,388.90	111,478.95
SUBCONSULTANTS					
X. PROJECT COORD & ADMIN - PB					
A. Coordination	\$7,600.00	45.0%	\$3,420.00	\$2,280.00	\$1,140.00
B. Meetings	\$5,059.00	45.0%	\$2,276.55	\$1,517.70	\$758.85
C. QA/QC	\$8,918.00	45.0%	\$4,013.10	\$2,675.40	\$1,337.70
Subtotal	\$21,577.00	45.0%	\$9,709.65	\$6,473.10	\$3,236.55
XI. SW3P PLANS - PB					
A. General Notes	\$1,026.00		\$0.00		\$0.00
B. Plans	\$29,997.00		\$0.00		\$0.00
Subtotal	\$31,023.00	0.0%	\$0.00	\$0.00	\$0.00
XII. TRAFFIC CONTROL PLANS - PB					
A. TCP Narrative & Notes	\$11,107.00	45.0%	4,998.15	\$3,332.10	\$1,666.05
B. Advance Warning Signs	\$4,330.00	45.0%	1,948.50	\$1,299.00	\$649.50
C. TCP Layouts	\$67,504.00	45.0%	30,376.80	\$20,251.20	\$10,125.60
D. TCP Details	\$8,801.00	45.0%	3,960.45	\$2,640.30	\$1,320.15
Subtotal	\$91,742.00	45.0%	41,283.90	\$27,522.60	\$13,761.30
XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB					
A. Culvert Layout	\$3,982.00	45.0%	1,791.90	\$1,194.60	\$597.30
B. Culvert Details	\$16,183.00	45.0%	7,282.35	\$4,854.90	\$2,427.45
Subtotal	\$20,165.00	45.0%	9,074.25	\$6,049.50	\$3,024.75
XIV. RABBS BAYOU BRIDGE - PB					
A. Bridge Layouts	\$15,758.00	45.0%	\$7,091.10	\$4,727.40	\$2,363.70
B. Bridge Details	\$100,413.00	45.0%	\$45,185.85	\$30,123.90	\$15,061.95
Subtotal	\$116,171.00	45.0%	\$52,276.95	\$34,851.30	\$17,425.65



INVOICE No. 6
 CRABB RIVER ROAD PS&E
 SCHEDULE OF VALUES

PS&E PHASE

SERVICES THROUGH: 10/31/2015

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
XV. NOISE WALLS - PB					
A. Wall Layout NB-1A	\$4,947.00	45.0%	\$2,226.15	\$1,484.10	\$742.05
B. Wall Layout NB-1B	\$6,218.00	45.0%	\$2,798.10	\$1,865.40	\$932.70
C. Wall Layout NB-2	\$6,218.00	45.0%	\$2,798.10	\$1,865.40	\$932.70
D. Wall Layout NB-3	\$6,218.00	45.0%	\$2,798.10	\$1,865.40	\$932.70
E. Summaries & Standards	\$8,918.00	45.0%	\$4,013.10	\$2,675.40	\$1,337.70
Subtotal	\$32,519.00	45.0%	\$14,633.55	\$9,755.70	\$4,877.85
XVI. SAFETY LIGHTING - PB					
A. Lighting Plans	\$7,212.00		\$0.00	\$0.00	\$0.00
B. Details & Summaries	\$7,935.00		\$0.00	\$0.00	\$0.00
Subtotal	\$15,147.00	0.0%	\$0.00	\$0.00	\$0.00
XVII. SUBMITTALS - PB					
A. Plot Drawings	\$11,706.00	45.0%	\$5,267.70	\$3,511.80	\$1,755.90
B. Cost Estimates	\$3,765.00	45.0%	\$1,694.25	\$1,129.50	\$564.75
Subtotal	\$15,471.00	45.0%	\$6,961.95	\$4,641.30	\$2,320.65
Total PB Labor	\$343,815.00	39.0%	\$133,940.25	\$89,293.50	\$44,646.75
A. PB Expenses	\$8,595.00	45.0%	\$3,867.75	\$2,578.50	\$1,289.25
TOTAL PB COSTS	352,410.00	39.1%	137,808.00	91,872.00	45,936.00
XVIII. GEOTECHNICAL INVESTIGATIONS - HTS					
A. Field Work	\$22,425.00	91.7%	\$20,574.60	\$20,574.60	\$0.00
B. Install Piezometer	\$2,416.00	90.0%	\$2,174.40	\$2,174.40	\$0.00
C. Lab Testing	\$17,501.00		\$0.00	\$0.00	\$0.00
D. Prepare Report	\$17,670.00		\$0.00	\$0.00	\$0.00
Total	\$60,012.00	37.9%	\$22,749.00	\$22,749.00	\$0.00
XIX. FIELD SURVEYING & ROW MAPPING - HZI					
A. Acquire ROE	\$3,000.00	100.0%	\$3,000.00	\$3,000.00	\$0.00
B. Set Control & Topographic Surveys	\$90,000.00	99.8%	\$89,778.90	\$89,058.90	\$720.00
C. Cross Section Rabb's Bayou & Gapp's Slough	\$6,380.00	87.6%	\$5,590.00	\$5,590.00	\$0.00
D. Prepare ROW Maps & Documents	\$38,920.00	97.2%	\$37,836.60	\$26,381.60	\$11,455.00
E. Deed Research & ROW Monumentation	\$64,205.00	69.7%	\$44,756.75	\$33,919.25	\$10,837.50
F. BNSF RR Survey	\$17,880.00	88.4%	\$15,813.50	\$15,813.50	\$0.00
G. Survey Thompson 's Road	\$14,260.00	72.8%	\$10,385.00	\$7,595.00	\$2,790.00
H. Detention Pond Survey	\$15,660.00	92.8%	\$14,536.25	\$12,763.75	\$1,772.51
Total	\$250,305.00	88.6%	\$221,697.00	\$194,122.00	\$27,575.00
TOTAL PROJECT	\$2,165,059.00	41.3%	\$895,121.85	\$710,131.90	\$184,989.95



Planners – Engineers – Program Managers

**CRABB RIVER ROAD
PS&E PHASE
PROGRESS REPORT NO. 6
October 2015**

Activities During Current Reporting Period

Task I. Roadway Design

- Began receiving TxDOT review comments from 30% submittal.
- Started incorporating review comments.
- Advancing plans for 60% submittal.
- Existing typical sections and alignment sheets finished.

Task II. Drainage Design

- Began receiving TxDOT review comments from 30% submittal.
- Started incorporating review comments.
- DA layouts finished.
- Continuing work on storm sewer design.
- Continuing work on detention pond layouts.
- Advancing plans for 60% submittal.

Task III. Signing & Pavement Markings

- No activity this period.

Task IV. Traffic Signals

- Continued preparing signal warrant studies.
- Continued preparing traffic signal layouts.

Task V. Miscellaneous Roadway

- Updated utility exhibits for utility coordination meeting.
- Conducted utility coordination meeting.

Task VI. General Notes & Specifications

- This task has not started.

Task VII. Construction Cost Estimate

- Prepared cost estimate for 30% submittal.

Task VIII. Assemble PS&E

- No activity this period.

Task IX. Project Management & Coordination

- Met with TxDOT to review initial comments.
- Conducted progress meeting with TxDOT PM.
- Prepared & submitted invoice & progress report.
- Updated project schedule.

Task X. Project Coordination & Administration – PB

- Attended design team meetings.
- Attended progress meeting.
- Reviewed initial comments from 30% submittal.

Task XI. SW3P Plans – PB

- This task has not started.

Task XII. Traffic Control Plans – PB

- Updated TCP plans.
- Scheduled TCP concept review meeting with TxDOT.

Task XIII. Gapps Slough Bridge Class Culvert– PB

- Continued design of bridge layout & started details.

Task XIV. Rabbs Bayou Bridge– PB

- Continued design of bridge.
- Added sidewalk to both sides of bridge.

Task XV. Noise Walls – PB

- Continued noise wall layouts design.

Task XVI. Safety Lighting – PB

- This task has not started.

Task XVII. Submittals – PB

- Advancing plans for 60% submittal.

Task XVIII. Geotechnical Investigations – HTS

- No activity reported this period.

Task XIX. Field Surveying & ROW Mapping – HZI

- Topographic survey is finished except for minor design pick-ups.
- RR ROW survey is finished.
- Compiling ROW data.
- Recovered and tied to relevant monuments.

Activities Anticipated Next Reporting Period

- Receive remaining 30% comments from TxDOT.
- Monitor status of RR exhibit review.
- Conduct TCP workshop.
- Prepare preliminary ROW maps for internal review.
- Advance design to the 60% level.



Planners - Engineers - Program Managers

November 11, 2015

Mr. Richard W. Stolleis, P.E.
Fort Bend County Engineer
301 Jackson Street
Richmond, Texas 77469

Re: Billing Period No. 6
IDC Invoice No. 10627
Services through October 2015
Purchase Order No.: 125695
Project No. 402-0402
Crabb River Road PS&E
From Rabbs Bayou to South of LCISD New HS/JHS Complex.

Dear Mr. Stolleis:

Enclosed is IDC's revised invoice for services performed through October 2015 in the amount of \$184,989.95 for your consideration and further handling. Two copies of the following documents are attached:

- Invoice No. 10627
- Progress Report No. 6

Sincerely,
IDC Inc.

A handwritten signature in blue ink, appearing to read "Larry F. Janak".

Larry F. Janak, P.E.
Executive Vice President

Peterson, Jillian

From: Don Durgin <Don.Durgin@klotz.com>
Sent: Wednesday, November 11, 2015 4:39 PM
To: Peterson, Jillian
Subject: X28 CRR Final Design Invoice 006
Attachments: X28 CRR Invoice 006 - 10627.pdf

Jillian,

This invoice just came in today. I have reviewed and agree with the level of invoicing. Please process for payment.

This will make six invoices for IDC. If you guys decide to move some to next month's court, I wouldn't blame you. Thanks.

Donald Durgin, P.E.
Department Manager - RPS Klotz Associates
1160 Dairy Ashford, Suite 500
Houston, Texas, 77079
Tel: 281 589 7257
Mobile: 713 269 3913
Email: Don.Durgin@klotz.com
www: rpsgroup.com | klotz.com
