Po #125695

INVOICE IDCUS 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: 11022 Invoice Date: January 5, 2018 Billing Period: Through Dec. 31, 2017

Original Contract Amount: Amendment No. 1:

Amendment No. 2:

\$2,165,059.00 / \$ 226,025.33 68,866.31

Total Contract:

\$2,459,950.64

Fee Earned:

\$ 2,419,950.64

Total Amount Earned:

2,419,950.64

Less Previously Invoiced:

\$ 2,303,172.56

2,303,172.56

Total Invoice Amount:

116,778.08

WA Amount Remaining:

\$ 40,000.00 \



SERVICES THROUGH: 12/31/2017

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
I. ROADWAY DESIGN					
A. Typical Sections - Existing	\$10,933.00	100.0%	10,933.00	\$10,933.00	\$0.00
B .Crabb River Road Typ Sections - Proposed	\$42,971.00	100.0%	42,971.00	\$40,822.45	\$2,148.5
B.1. Prop Typ Section at CRR/Thompson Intersection	\$920.81	100.0%	920.81	\$874.77	\$46.0
C. Proposed Typ Sections - Side streets	\$13,324.00	100.0%	13,324.00	\$12,657.80	\$666.20
C.1 Rev Typ Sections to Incorp RW	\$5,291.00 \$141,167.00	100.0% 100.0%	5,291.00 141,167.00	\$5,026.45 \$134,108.65	\$264.55 \$7,058.35
D. Roadway P&P	\$141,167.00	100.0%	2,297.63	\$2,182.75	\$1,058.3
D.1. Rev P&P at CRR/Thompsons Intersection E. Horizontal Align Data	\$14,689.00	100.0%	14,689.00	\$14,689.00	\$0.0
F. Thompson Road P&P	\$23,853.00	100.0%	23,853.00	\$22,660.35	\$1,192.6
G. Intersections Layouts & Grading	\$53,992.00	100.0%	53,992.00	\$51,292.40	\$2,699.6
G.1. Rev CRR/Thompsons Intersection Layout	\$920.81	100.0%	920.81	\$874.77	\$46.0
H. Misc Roadway Details	\$19,995.00	100.0%	19,995.00	\$18,995.25	\$999.7
I. Driveway Table & Details	\$10,991.00	100.0%	10,991.00	\$10,441.45	\$549.5
J. Roadway Standards	\$8,024.00	100.0%	8,024.00	\$7,622.80	\$401.2
K. Roadway Summaries	\$24,467.00	100.0%	24,467.00	\$23,243.65	\$1,223.3
Subtotal	\$373,836.25	100.0%	\$373,836.25	\$356,425.54	\$17,410.7
II. DRAINAGE DESIGN					
A. Drainage Area Watershed Map	\$7,118.00	100.0%	7,118.00	\$7,118.00	\$0.0
B. DA Layouts	\$45,105.00	100.0%	45,105.00	\$42,849.75	\$2,255.2
C. Drainage P&P	\$99,330.00	100.0%	99,330.00	\$94,363.50	\$4,966.5
C.1 Rev Drainage Design to Accommodate RW	\$2,832.57	100.0%	2,832.57	\$2,690.94	\$141.6
D. Thompson Road Drainage P&P	\$26,221.00	100.0%	26,221.00	\$24,909.95	\$1,311.0
E. Crabb River Road Drainage Calcs	\$43,790.00	100.0%	43,790.00	\$41,600.50	\$2,189.5
F. Drainage Ditch Calcs	\$6,554.00	100.0%	6,554.00	\$6,226.30	\$327.70
G. Rabbs Bayou Bridge Calcs	\$13,871.00 \$5,571.62	100.0%	13,871.00 5,571.62	\$13,177.45 \$5,571.62	\$693.5 \$0.0
G.1. Rabbs Bayou Scour Report	\$5,571.62 \$13,871.00	100.0%	13,871.00	\$13,177.45	\$693.5
H. Gapps Slough Drainage Calcs I. Lateral Sheets	\$43,380.00	100.0%	43,380.00	\$41,211.00	\$2,169.0
J. Misc Drainage Details	\$13,242.00	100.0%	13,242.00	\$12,579.90	\$662.10
K. Detention Pond - Rabbs Bayou	\$18,328.00	100.0%	18,328.00	\$17,411.60	\$916.40
L. Detention Pond #1 - Gapps Slough	\$14,850.00	100.0%	14,850.00	\$14,107.50	\$742.50
M. Detention Pond #2 - Gapps Slough	\$14,850.00	100.0%	14,850.00	\$14,107.50	\$742.50
M.1. Mod Det Pond #2	\$6,197.18	100.0%	6,197.18	\$5,887.32	\$309.86
M.2. Hyd Analysis of Gapps Slough Rdwy Overtopping	\$6,512.89	100.0%	6,512.89	\$6,512.89	\$0.00
N. Drainage Standards	\$8,676.00	100.0%	8,676.00	\$8,242.20	\$433.80
O. Drainage Summaries	\$14,821.00	100.0%	14,821.00	\$14,079.95	\$741.0
Subtotal	\$405,121.26	100.0%	\$405,121.26	\$385,825.32	\$19,295.94
III. SIGNING & PAVEMENT MARKINGS					
A. Sign & Pavement Marking Layouts	48,555.00	100.0%	\$48,555.00	\$46,127.25	\$2,427.7
A.1 Rev Pvmnt Markings to Incorp LT Ln into Church Dvwy	1,075.74	100.0%	1075.74	\$1,021.95	\$53.79
B. Small Sign Summary	9,626.00	100.0%	\$9,626.00	\$9,144.70	\$481.30
C. Pavement Marking Summary	9,626.00	100.0%	\$9,626.00	\$9,144.70	\$481.30
D. Standard Details & Existing Sign Inventory	9,626.00	100.0%	\$9,626.00	\$9,144.70	\$481.30
Subtotal	78,508.74	100.0%	78,508.74	74,583.30	3,925.44
IV. TRAFFIC SIGNALIZATION			********	00 075 00	40.00
A. Signal Warrant - Tara Dr.	\$8,675.00	100.0%	\$8,675.00		
B. Signal Warrant - Thompson Rd	\$8,676.00	100.0%	\$8,676.00	\$8,676.00	\$0.00
C. Signal Warrant - School Entrance	\$8,676.00	100.0%	\$8,676.00	\$8,676.00	\$0.00
C.1. Signal Warrant - Berdett Road	\$8,676.06 \$8,676.06	100.0% 100.0%	\$8,676.06 \$8,676.06	\$8,676.06 \$8,676.06	\$0.00 \$0.00
C.2. Signal Warrant - 2nd School Entrance D. Signal Design - Tara Dr.	\$23,123.00	100.0%	\$23,123.00	\$21,966.85	\$1,156.15
E. Signal Design - Thompsons Rd.	\$23,123.00	100.0%	\$23,123.00		\$1,156.15
F. Signal Design - School Entrance	\$23,123.00	100.0%	\$23,123.00		\$1,156.15
F.1. Signal Design - Berdett Road	\$23,122.51	100.0%	\$23,122.51	\$21,966.38	
F.2. Signal Design - 2nd School Entrance	\$23,122.51	100.0%	\$23,122.51	\$21,966.38	
Subtotal	\$158,993.14	100.0%	\$158,993.14	\$153,212.44	\$5,780.70
V. MISCELLANEOUS ROADWAY					
A. Title Sheet	\$9,457.00	100.0%	9457.00	\$8,984.15	\$472.8
B. Index Sheet	\$11,284.00	100.0%	11284.00		
C. Project Layout Sheet	\$41,480.00	100.0%	41,480.00		
D. Demo Sheet	\$31,307.00	100.0%	31,307.00	\$31,307.00	\$0.0
E. Design Cross Sections	\$54,664.00	100.0%	54,664.00		
F. Existing Utility Layouts	\$35,371.00	100.0%	35,371.00	\$35,371.00	\$0.0
G. Proposed Utility Plan	\$35,371.00	100.0%	35,371.00		
H. Utility Details	\$18,766.00	100.0%	18,766.00		
I. Utility Summaries	\$9,517.00	100.0%	9,517.00		
J. BNSF RR Exhibit	\$11,694.00	100.0%	11,694.00		
J.1. Mod RR Exhibit	\$2,136.86	100.0%	2,136.86	\$2,136.86	\$0.00

SERVICES THROUGH: 12/31/2017

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
K. Pond Backfill Layout/Typ Section	\$3,791.39	100.0%	3,791.39	\$3,791.39	\$0.00
Subtotal	\$264,839.25	100.0%	\$264,839.25	\$255,812.30	\$9,026.95
VI. GENERAL NOTES & SPECIFCIATIONS					
A. Prepare General Notes & Spec List	17,188.00	100.0%	\$17,188.00	\$16,328.60	\$859.40 \$859.45
B. Prepare Special Specs & Provisions	17,189.00	100.0%	\$17,189.00 34,377.00	\$16,329.55 32,658.15	1,718.85
Subtotal	34,377.00	100.0%	34,377.00	32,030.13	1,7 10.00
VII. CONSTRUCTION COST ESTIMATE	20,112.00	100.0%	\$20,112.00	\$20,112.00	\$0.00
A. Estimate Const Cost At 30%, 60%, 90%, 100% & Final Subtotal	20,112.00	100.0%	20,112.00	20,112.00	0.00
VIII. ASSEMBLE PS&E	20,112.00	100.070	20,112.00	20,112.00	
A. 30%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.00
B. 60%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.00
C. 90%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.00
D. Final Submittal	\$7,303.00	100.0%	\$7,303.00	\$6,937.85	\$365.15
Subtotal	\$29,209.00	100.0%	\$29,209.00	\$28,843.85	\$365.15
IX. PROJECT MANAGEMENT & COORDINATION			410 110 00	040.054.50	00 455 50
A. Coord. w/ Co., TxDOT & Subs	\$49,110.00	100.0%	\$49,110.00	\$46,654.50 \$26,381.50	\$2,455.50 \$1,388.50
B. Monthly Progress Reports & Invoices	\$27,770.00 \$32,945.00	100.0% 100.0%	\$27,770.00 \$32,945.00	\$31,297.75	\$1,647.25
C. Project Admin D. Prep & Update Schedule	\$32,945.00	100.0%	\$38,995.00	\$37,045.25	\$1,949.75
E. Attend Progress Meetings	\$28,794.00	100.0%	\$28,794.00	\$27,354.30	\$1,439.70
F. Coord. with Utilities	\$28,794.00	100.0%	\$28,794.00	\$27,354.30	\$1,439.70
G. QA/QC plan	\$24,847.00	100.0%	\$24,847.00	\$24,847.00	\$0.00
Subtotal	\$231,255.00	100.0%	\$231,255.00	\$220,934.60	\$10,320.40
IX.(i) CONSTRUCTION PHASE SERVICES					
A. Shop Drawing Review	\$15,000.00		\$0.00		\$0.00
B. Response to RFIs	\$13,000.00		\$0.00		\$0.00
C. Site Visits	\$12,000.00	0.0%	\$0.00 \$0.00	\$0.00	\$0.00 \$0.0 0
Subtotal	\$40,000.00	0.0%	\$0.00	\$0.00	\$0.00
Total IDC Labor	\$1,636,251.64	97.6%	\$1,596,251.64	\$1,528,407.50	\$67,844.14
Direct Costs					
A. IDC Expenses	\$7,226.00	100.00%	\$7,226.00	\$6,864.70	\$361.30
Total Direct Costs	\$7,226.00	100.0%	\$7,226.00	\$6,864.70	\$361.30
TOTAL IDC COSTS	1,643,477.64	97.6%	1,603,477.64	1,535,272.20	68,205.44
SUBCONSULTANTS	at MRV processors assessed				
V DDG IFOT GOODD & ADMIN DD	Many State of the Control of the Con				
X. PROJECT COORD & ADMIN - PB					1772-4405-1477 T. C.
A. Coordination	\$7,600.00	100.0%	\$7,600.00	\$7,448.00	
A. Coordination B. Meetings	\$5,059.00	100.0%	5,059.00	\$4,957.82	\$101.18
A. Coordination B. Meetings C. QA/QC	\$5,059.00 \$8,918.00	100.0% 100.0%	5,059.00 8,918.00	\$4,957.82 \$8,739.64	\$101.18 \$178.36
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond	\$5,059.00 \$8,918.00 \$36,249.00	100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00	\$4,957.82 \$8,739.64 \$32,624.10	\$101.18 \$178.36 \$3,624.90
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal	\$5,059.00 \$8,918.00	100.0% 100.0%	5,059.00 8,918.00	\$4,957.82 \$8,739.64 \$32,624.10	\$101.18 \$178.36 \$3,624.90
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00	100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56	\$101.18 \$178.36 \$3,624.90 \$4,056.4 4
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00	100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56	\$101.18 \$178.36 \$3,624.90 \$4,056.4 4
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00	100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56	\$101.18 \$178.36 \$3,624.90 \$4,056.4 4 \$51.30 \$1,499.85
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00	100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15	\$101.18 \$178.36 \$3,624.90 \$4,056.4 4 \$51.30 \$1,499.85 \$301.10
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00	100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9	\$101.18 \$178.36 \$3,624.90 \$4,056.4 4 \$51.30 \$1,499.85 \$301.10
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00	100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.28
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.35 \$216.50
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.28 \$555.36 \$216.50 \$3,375.20
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.36 \$216.50 \$3,375.20 \$260.00
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B. 1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 4,330.00 67,504.00 2,600.00 7,984.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.36 \$216.50 \$3,375.20 \$260.00 \$1,596.80
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B. 1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.28 \$555.36 \$216.50 \$3,375.20 \$260.00 \$1,596.80 \$228.00
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B. 1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$8,801.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.35 \$216.50 \$3,375.20 \$260.00 \$1,596.86 \$228.00 \$440.05
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B. 1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.35 \$216.50 \$3,375.20 \$260.00 \$1,596.86 \$228.00 \$440.05
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2 TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$8,801.00 \$104,606.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.36 \$1,499.88 \$301.10 \$1,852.28 \$555.38 \$216.50 \$3,375.20 \$260.00 \$1,596.86 \$228.00 \$440.08
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$8,801.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00 104,606.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$216.50 \$2,3,375.20 \$260.00 \$1,596.80 \$228.00 \$440.05 \$6,671.90
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout B. Culvert Details	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$104,606.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00 104,606.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10 \$3,782.90 \$15,373.85	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$216.50 \$2,3,375.20 \$260.00 \$1,596.80 \$440.05 \$6,671.90 \$199.10 \$809.15
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout B. Culvert Details Subtotal	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$8,801.00 \$104,606.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00 104,606.00 3,982.00 16,183.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10 \$3,782.90 \$15,373.85	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.25 \$216.50 \$2,3,375.20 \$260.00 \$1,596.80 \$440.05 \$6,671.90 \$199.10 \$809.15
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B.1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout B. Culvert Details Subtotal XIV. RABBS BAYOU BRIDGE - PB A. Bridge Layouts	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$104,606.00 \$104,606.00 \$16,183.00 \$20,165.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00 104,606.00 3,982.00 16,183.00 20,165.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10 \$3,782.90 \$15,373.85 \$19,156.75	\$101.18 \$178.36 \$3,624.90 \$4,056.44 \$51.30 \$1,499.85 \$301.10 \$1,852.28 \$555.35 \$216.50 \$260.00 \$1,596.80 \$228.00 \$440.05 \$6,671.90 \$1,909.15 \$1,008.25
A. Coordination B. Meetings C. QA/QC D. RW Design at Church Pond Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans B. 1 Rev SW3P for RW Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C. 1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit C.3 Rev TCP for RW D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout B. Culvert Details Subtotal XIV. RABBS BAYOU BRIDGE - PB	\$5,059.00 \$8,918.00 \$36,249.00 \$57,826.00 \$1,026.00 \$29,997.00 \$3,011.00 \$34,034.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$2,280.00 \$8,801.00 \$104,606.00 \$3,982.00 \$16,183.00 \$20,165.00	100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%	5,059.00 8,918.00 36,249.00 \$57,826.00 \$1,026.00 29,997.00 3,011.00 \$34,034.00 11,107.00 4,330.00 67,504.00 2,600.00 7,984.00 2,280.00 8,801.00 104,606.00 3,982.00 16,183.00 20,165.00	\$4,957.82 \$8,739.64 \$32,624.10 \$53,769.56 \$974.70 \$28,497.15 2709.9 \$32,181.75 \$10,551.65 \$4,113.50 \$64,128.80 \$2,340.00 \$6,387.20 \$2,052.00 \$8,360.95 \$97,934.10 \$3,782.90 \$15,373.85 \$19,156.75	\$51.30 \$1,499.85 \$301.10 \$1,852.25 \$555.35 \$216.50 \$23.375.20 \$260.00 \$1,596.80 \$228.00 \$440.05 \$6,671.90 \$199.10 \$809.15 \$1,008.25



SERVICES THROUGH: 12/31/2017

TASK DESCRIPTION	CONTRACT AMOUNT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
B. Bridge Details	\$100,413.00	100.0%	100,413.00	\$95,392.35	\$5,020.65
B.1. Bridge Redesign	\$37,814.00	100.0%	\$37,814.00	\$35,923.30	\$1,890.70
Subtotal	\$170,138.00	100.0%	\$170,138.00	\$162,438.75	\$7,699.25
XV. NOISE WALLS - PB					
A. Wall Layout NB-1A	\$4,947.00	100.0%	\$4,947.00	\$4,699.65	\$247.35
B. Wall Layout NB-1B	\$6,218.00	100.0%	\$6,218.00	\$5,907.10	\$310.90
C. Wall Layout NB-2	\$6,218.00	100.0%	\$6,218.00	\$5,907.10	\$310.90
D. Wall Layout NB-3	\$6,218.00	100.0%	\$6,218.00	\$5,907.10	\$310.90
E. Summaries & Standards	\$8,918.00	100.0%	\$8,918.00	\$8,472.10	\$445.90
E.1 Sound Wall Revisions	\$3,541.00	100.0%	\$3,541.00	\$3,363.95	\$177.05
E.2. Noise Workshop Preparation	\$9,017.00	100.0%	\$9,017.00		\$9,017.00
Subtotal	\$45,077.00	100.0%	\$45,077.00	\$34,257.00	\$10,820.00
XVI. SAFETY LIGHTING - PB					
A. Lighting Plans	\$7,212.00	100.0%	\$7,212.00	\$0.00	\$7,212.00
B. Details & Summaries	\$7,935.00	100.0%	\$7,935.00	\$0.00	\$7,935.00
Subtotal	\$15,147.00	100.0%	\$15,147.00	\$0.00	\$15,147.00
XVII. SUBMITTALS - PB		***************************************			
A. Plot Drawings	\$11,706.00	100.0%	\$11,706.00	\$11,120.70	\$585.30
B. Cost Estimates	\$3,765.00	100.0%	\$3,765.00	\$3,576.75	\$188.25
Subtotal	\$15,471.00	100.0%	\$15,471.00	\$14,697.45	\$773.55
	2400 404 00	100.0%	\$462,464.00	\$414,435.36	\$48,028.64
Total PB Labor	\$462,464.00	100.0%	\$402,404.00	\$414,435.36	\$40,020.04
A. PB Expenses	\$8,595.00	100.0%	\$8,595.00	\$8,595.00	\$0.00
A.1 Additional Expenses	\$800.00	100.0%	\$800.00	\$256.00	\$544.00
TOTAL PB COSTS	471,859.00	100.0%	471,859.00	423,286.36	48,572.64
XVIII. GEOTECHNICAL INVESTIGATIONS - HTS					
A. Field Work	\$22,425.00	100.0%	\$22,425.00	\$22,425.00	\$0.00
A.1 Geotech Investigations for RW	\$6,387.00	100.0%	\$6,387.00	\$6,387.00	\$0.00
B. Install Piezometer	\$2,416.00	100.0%	\$2,416.00	\$2,416.00	\$0.00
C. Lab Testing	\$17,501.00	100.0%	\$17,501.00	\$17,501.00	\$0.00
D. Prepare Report	\$17,670.00	100.0%	\$17,670.00	\$17,670.00	\$0.00
Total	\$66,399.00	100.0%	\$66,399.00	\$66,399.00	\$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	100.0%	\$90,000.00	\$90,000.00	\$0.00
C. Cross Section Rabb's Bayou & Gapp's Slough	\$6,380.00	100.0%	\$6,380.00	\$6,380.00	\$0.00
C.1. Rabbs Bayou Additional Survey	\$3,220.00	100.0%	\$3,220.00	\$3,220.00	\$0.00
C.2.Gapps Slough Additional Survey	\$3,220.00	100.0%	\$3,220.00	\$3,220.00	\$0.00
D. Prepare ROW Maps & Documents	\$38,920.00	100.0%	\$38,920.00	\$38,920.00	\$0.00
D.1.TCE Pond Backfill	\$2,440.00	100.0%	\$2,440.00	\$2,440.00	\$0.00
D.2 Divide Parcels # 11 & 3	\$11,740.00	100.0%	\$11,740.00	\$11,740.00	\$0.00
E. Deed Research & ROW Monumentation	\$64,205.00	100.0%	\$64,205.00	\$64,205.00	\$0.00
F. BNSF RR Survey	\$17,880.00	100.0%	\$17,880.00	\$17,880.00	\$0.00
G. Survey Thompson 's Road	\$14,260.00	100.0%	\$14,260.00	\$14,260.00	\$0.00
H. Detention Pond Survey	\$15,660.00	100.0%	\$15,660.00	\$15,660.00	\$0.00
H.1 Det Pond #2 Additional Survey	\$7,290.00	100.0%	\$7,290.00	\$7,290.00	\$0.00
Total	\$278,215.00	100.0%	\$278,215.00	\$278,215.00	\$0.00
TOTAL PROJECT	\$2,459,950.64	98.4%	\$2,419,950.64	\$2,303,172.56	\$116,778.08



CRABB RIVER ROAD PS&E PHASE PROGRESS REPORT NO. 19 November 1, 2017 through December 31, 2017

Activities During Current Reporting Period

Task I. Roadway Design

• This activity is finished.

Task II. Drainage Design

• This activity is finished.

Task III. Signing & Pavement Markings

• This activity is finished.

Task IV. Traffic Signals

• This activity is finished.

Task V. Miscellaneous Roadway

• This activity is finished.

Task VI. General Notes & Specifications

• This activity is finished.

Task VII. Construction Cost Estimate

• This activity is finished.

Task VIII. Assemble PS&E

- Final documents submitted to Austin for January 2018 Letting.
- This activity is finished.

Task IX. Project Management & Coordination

- Submitted invoice & progress report.
- · Updated County on progress.

Task IX.(i). Construction Phase Services

• This activity will start next period.

Task X. Project Coordination & Administration - PB

• This activity is finished.

Task XI. SW3P Plans – PB

• This activity is finished.

Task XII. Traffic Control Plans - PB

• This activity is finished.

Task XIII. Gapps Slough Bridge Class Culvert-PB

• This activity is finished.

Task XIV. Rabbs Bayou Bridge-PB

This activity is finished.

Task XV. Noise Walls - PB

• This activity is finished.

Task XVI. Safety Lighting - PB

• This activity is finished.

Task XVII. Submittals - PB

• This activity is finished.

Task XVIII. Geotechnical Investigations - HTS

No activity, this task is finished.

Task XIX. Field Surveying & ROW Mapping - HZI

No activity, this task is finished.

Activities Anticipated Next Reporting Period

• Begin performing Construction Phase Services



January 5, 2018

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

Re: Billing Period No. 19

IDC Invoice No. 11022

Services through December 31, 2017

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 invoice for services performed through December 31, 2017 in the amount of \$116,778.08 for your consideration and further handling. Two copies of the following documents are attached:

- Invoice No. 11022
- Progress Report No. 19

Sincerely, IDCUS Inc.

Larry F. Janak, P.E.

Principal

Svatek, Donna

From:

Don Durgin < Don. Durgin@rpsgroup.com>

Sent:

Wednesday, January 10, 2018 1:03 PM

To:

Harris, Britten

Cc:

Svatek, Donna

Subject: Attachments:

X28 CRR Invoice 019 - 11022 X28 CRR Invoice 019 - 11022.pdf

Britten,

I have reviewed the attached invoice and recommend approval. Please process for payment.

Don Durgin Department Manager RPS | Infrastructure

1160 N Dairy Ashford, Suite 500, Houston, Texas 77079 USA

T +1 281 589 7257

F +1 281 589 7309

M +1 713 269 3913

E <u>Don.Durgin@rpsgroup.com</u>

www.rpsgroup.com/usa

Formerly Klotz Associates

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