

**SUPPLEMENTAL AGREEMENT NO. 1  
TO  
AGREEMENT OF APRIL 20, 2011  
FOR  
ENGINEERING SERVICES for  
Fort Bend Grand Parkway Toll Road, Segment D**

This Supplemental Agreement is made and entered into this 15 day of February, 2012, and modifies the ENGINEERING SERVICES AGREEMENT made with Landtech Consultants, Inc., dated April 20, 2011 for engineering services for the Fort Bend Grand Parkway Toll Road, Segment D.

The agreement is hereby modified as follows:

1. The first sentence of Section 2.a is replaced with the following sentence:

“The Maximum Compensation under this contract is \$581,376.75.”

2. The second paragraph of Section 2.a is replaced with the following paragraph:

“Compensation for performance of services within the Scope of Services described in Attachment A will be as follows: The lump sum compensation shall be increased by \$28,044.00, for the additional work shown in Attachment A. The maximum amount payable under this agreement shall not exceed \$581,376.75, as shown in Attachment B. Progress payments for work detailed in Attachment A will be made when the Engineer has attained a level of completion equal to or greater than the agreed upon milestones of completion in the reasonable opinion of FBGPTRA.”

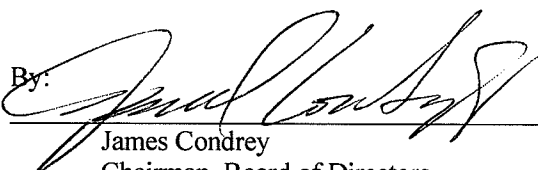
3. The Scope of Services shown in Attachment A shall be expanded to include Exhibit A-1, attached hereto.
4. The Compensation for Scope of Services shown in Attachment B shall be expanded to include Exhibit B-1, attached hereto.

**[Remainder of page intentionally left blank.]**

Supplemental Agreement No. 1  
To Agreement of April 20, 2011

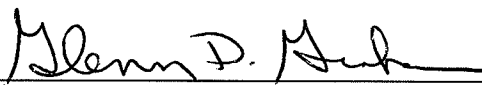
IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as of the  
date first set forth above.

FORT BEND GRAND PARKWAY TOLL  
ROAD AUTHORITY, a local government  
Texas Corporation

By:   
James Condrey  
Chairman, Board of Directors

ATTEST:   
By \_\_\_\_\_

Landtech Consultants, Inc.  
ENGINEER

By: 

Name: Glenn D. Graham, PE

Title: Vice President

**SUPPLEMENTAL AGREEMENT NUMBER 1  
Fort Bend Grand Parkway Toll Road, Segment D, Section 6**

**EXHIBIT A-1**

**ATTACHMENT A  
SCOPE OF SERVICES**

**General Description:** Revise the storm sewer design using the existing trunklines.

1. Eliminate the proposed median trunkline by tying the proposed inlets to the existing trunklines (northbound mainlane inlets will tie to existing trunkline along northbound frontage road; southbound mainlane inlets will tie to existing trunkline along southbound frontage road.)
2. Minimize or eliminate median inlets. If any median inlets are required, discuss and receive approval from PMC before finalizing design.
3. Mainlane inlet design shall maintain the 10 year frequency design and ponding criteria.
4. Use a 5 year design frequency for laterals and trunkline. Note any affects / warning messages to existing system and frontage road. Discuss with PMC before proceeding with final design.
5. Check the 10 year design frequency.
6. Revise plans sheets as needed, including plan & profile sheets, lateral sheets, and Winstorm calculations.
7. Other design requirements (mitigation, 6-lane ultimate facility, etc.) shown in the original scope (and any previous supplements) shall remain.

**SUPPLEMENTAL AGREEMENT NO. 1**  
**EXHIBIT B-1**  
**ATTACHMENT B**  
**COMPENSATION FOR SCOPE OF SERVICES**  
**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

**FEE SCHEDULE SUMMARY**

**SECTION 6 DESIGN SERVICES**

Section 6 Limits: Mason Road

Section 6 Station Limits: 1101+00 to 1129+00 (approximate)

**PRIME PROVIDER: Landtech Consultants, Inc.**  
**SUB PROVIDER: McDonough Engineering Corporation**

WORK TASK	DESCRIPTION	Landtech Consultants, Inc.	McDonough Engineering Corporation	TOTAL
3	DRAINAGE	\$2,318.00	\$19,050.00	\$21,368.00
9	QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	\$1,466.00	\$1,260.00	\$2,726.00
13	PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	\$410.00	\$3,540.00	\$3,950.00
	DIRECT EXPENSES			
	<b>TOTAL</b>	<b>\$4,194.00</b>	<b>\$23,850.00</b>	<b>\$28,044.00</b>
	<b>PERCENTAGE OF WORK BY PROVIDER</b>	<b>15.0%</b>	<b>85.0%</b>	<b>100.0%</b>

**SUPPLEMENTAL AGREEMENT NO. 1  
EXHIBIT B-1**

**ATTACHMENT B  
COMPENSATION FOR SCOPE OF SERVICES  
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

Landtech Consultants, Inc.

**SECTION 6 DESIGN SERVICES**

Section 6 Limits: Mason Road

Section 6 Station Limits: 1101+00 to 1129+00 (approximate)

TASK DESCRIPTION	NUMBER OF SHEETS	Sr. Project Manager	Sr. Professional Engineer	Professional Engineer	Project Engineer	Engineer Technician	CADD Technician	Clerical	TOTAL LABOR HRS & COSTS
<b>DRAINAGE</b>		\$205.00	\$173.00	\$140.00	\$121.00	\$102.00	\$80.00	\$56.00	
LABOR RATE PER HOUR									
NEW LATERALS	1		6				16		22
SHEETS & HOURS SUBTOTAL	1	0	6	0	0	0	16	0	22
<b>SUBTOTAL LABOR COSTS</b>		\$0.00	\$1,038.00	\$0.00	\$0.00	\$0.00	\$1,280.00	\$0.00	\$2,318.00
<b>QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES</b>									
LATERAL QUANTITIES			2	8					10
SHEETS & HOURS SUBTOTAL	0	0	2	8	0	0	0	0	10
<b>SUBTOTAL LABOR COSTS</b>		\$0.00	\$346.00	\$1,120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,466.00
<b>PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS</b>									
PROJECT MANAGEMENT		2							2
SHEETS & HOURS SUBTOTAL	0	2	0	0	0	0	0	0	2
<b>SUBTOTAL LABOR COSTS</b>		\$410.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$410.00

**SUPPLEMENTAL AGREEMENT NO. 1  
EXHIBIT B-1**

**ATTACHMENT B  
COMPENSATION FOR SCOPE OF SERVICES  
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

Landtech Consultants, Inc.

**SECTION 6 DESIGN SERVICES**

Section 6 Limits: Mason Road

Section 6 Station Limits: 1101+00 to 1129+00 (approximate)

DESCRIPTION	SHTS BY WORK TASK	HRS BY WORK TASK	TOTAL COSTS BY WORK TASK
<b>TOTALS BY WORK TASK</b>			
DRAINAGE	1	22	\$2,318.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	0	10	\$1,465.00
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	0	2	\$410.00
<b>TOTAL LABOR COSTS</b>	<b>1</b>	<b>34</b>	<b>\$4,193.00</b>

<b>SUMMARY</b>	
TOTAL COSTS FOR Landtech Consultants, Inc. ONLY	\$4,194.00
NON-SALARY (DIRECT EXPENSES)	\$0.00
<b>TOTAL Landtech Consultants, Inc.</b>	<b>\$4,194.00</b>

**SUPPLEMENTAL AGREEMENT NO. 1**

**EXHIBIT B-1**

**ATTACHMENT B  
COMPENSATION FOR SCOPE OF SERVICES  
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

McDonough Engineering Corporation

**SECTION 6 DESIGN SERVICES**

Section 6 Limits: Mason Road

Section 6 Station Limits: 1101+00 to 1129+00 (approximate)

TASK DESCRIPTION	NUMBER OF SHEETS	PRINCIPAL	SENIOR PROJECT MANAGER	SENIOR PROJECT ENGINEER	DESIGN ENGINEER	QA/QC	CADD TECHNICIAN	CLERICAL	TOTAL LABOR HRS & COSTS
<b>DRAINAGE</b>									
LABOR RATE PER HOUR		\$210.00	\$190.00	\$190.00	\$120.00	\$100.00	\$85.00	\$60.00	
DRAINAGE AREA MAPS	3			3		2	12		17
STORM DRAINAGE PLAN AND PROFILES	6			6		8	40		54
LATERAL PROFILES	2			4			12		16
DRAINAGE CALCULATIONS (WINSTORM)				15	45	8			68
SWPPP LAYOUTS	3			2		2	6		10
SHEETS & HOURS SUBTOTAL	14	0	0	30	45	20	70	0	155
<b>SUBTOTAL LABOR COSTS</b>		\$0.00	\$0.00	\$5,700.00	\$5,400.00	\$2,000.00	\$5,950.00	\$0.00	\$19,050.00
<b>QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES</b>									
STORM DRAINAGE				2		2	8		12
SHEETS & HOURS SUBTOTAL	0	0	0	2	0	2	8	0	12
<b>SUBTOTAL LABOR COSTS</b>		\$0.00	\$0.00	\$380.00	\$0.00	\$200.00	\$680.00	\$0.00	\$1,260.00
<b>PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS</b>									
PROJECT MANAGEMENT			18					2	20
SHEETS & HOURS SUBTOTAL	0	0	18	0	0	0	0	2	20
<b>SUBTOTAL LABOR COSTS</b>		\$0.00	\$3,420.00	\$0.00	\$0.00	\$0.00	\$0.00	\$120.00	\$3,540.00

**SUPPLEMENTAL AGREEMENT NO. 1**  
**EXHIBIT B-1**  
**ATTACHMENT B**  
**COMPENSATION FOR SCOPE OF SERVICES**  
**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

McDonough Engineering Corporation

**SECTION 6 DESIGN SERVICES**

Section 6 Limits: Mason Road

Section 6 Station Limits: 1101+00 to 1129+00 (approximate)

DESCRIPTION	SHTS BY WORK TASK	HRS BY WORK TASK	TOTAL COSTS BY WORK TASK
<b>TOTALS BY WORK TASK</b>			
DRAINAGE	14	165	\$19,050.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	0	12	\$1,280.00
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	0	20	\$2,540.00
<b>TOTAL LABOR COSTS</b>	<b>14</b>	<b>197</b>	<b>\$23,870.00</b>

<b>SUMMARY</b>	
TOTAL COSTS FOR McDonough Engineering Corporation ONLY	\$23,870.00
NON-SALARY (DIRECT EXPENSES)	\$0.00
<b>TOTAL McDonough Engineering Corporation</b>	<b>\$23,870.00</b>