

STATE OF TEXAS §
 §
 COUNTY OF FORT BEND §

**AMENDMENT TO AGREEMENT FOR
 PROFESSIONAL ENGINEERING SERVICES**

THIS AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter "County"), a body corporate and politic under the laws of the State of Texas, and TranSystems Corporation dba TranSystems Corporation Consultants, (hereinafter "Contractor"), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on March 14, 2017, (hereinafter "Agreement"); and

WHEREAS, the parties desire to amend the Agreement for additional services to be provided and increase the total Maximum Compensation for the completion of such additional services.

NOW, THEREFORE, the parties do mutually agree as follows:

1. County shall pay Contractor an additional fifty-one thousand one hundred fifty-seven dollars and no/100 (\$51,157.00) for the diagnostic review as described in the Rosenberg Diagnostic Team Proposal dated November 8, 2017 attached hereto as Exhibit "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed one hundred thirty-three thousand five hundred forty-four dollars and no/100 (\$133,544.00), authorized as follows:
 \$82,387.00 under the Agreement; and
 \$51,157.00 under this Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without subsequent amendment executed by the parties.

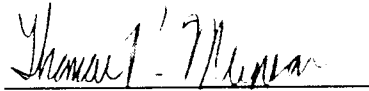
Except as provided herein, all terms and conditions of the Agreement shall remain unchanged.

FORT BEND COUNTY

TRANSYSTEMS CORPORATION DBA
TRANSYSTEMS CORPORATION CONSULTANTS



Grady Prestage, Commissioner, Precinct 2
Presiding Officer, Commissioners Court, November 28, 2017



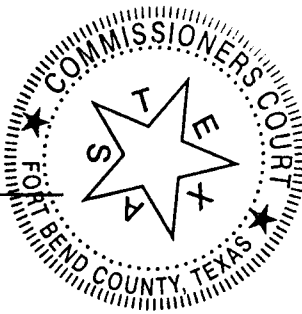
Thomas R. Munson, P.E., Senior Vice President

11-28-17
Date


11/20/2017
Date

ATTEST:


Laura Richard, County Clerk



APPROVED:


Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:


Marcus D. Spencer, First Assistant County Attorney

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 133,544.00 to accomplish and pay the obligation of Fort Bend County under this contract.


Robert Ed Sturdivant, County Auditor

I:\Marcus\Agreements\Engineering\Quiet Zones\Amend 1 - Eval of RR Crossings\TranSystems docx 11/17/2017

EXHIBIT A

November 8, 2017
Chris Debaillon, PE, PTOE
Assistant County Engineer - Traffic
Fort Bend County Engineering Department
301 Jackson Street
Richmond, TX 77469

Re: Rosenberg Diagnostic Team Proposal

Chris,

Thank you for providing us this opportunity to present a proposal to perform a diagnostic review for the highway/rail grade crossings within the County. The diagnostic review is the next step in the screening process to better define the necessary steps to implement a quiet zone in the following locations which meet the quiet zone screening in the recently completed review:

- ▶ DOT #022697M Huntington Road (BNSF)
- ▶ DOT #022695Y Walnut Street (BNSF)
- ▶ DOT #022693K 3rd Street (BNSF)
- ▶ DOT #743731H 3rd Street (UP)
- ▶ DOT #022688N Rawson Road (BNSF)
- ▶ DOT #743727T Rawson Road (UP)
- ▶ DOT #022685T Austin Street (BNSF)
- ▶ DOT# 022683E Private Drive/Utility Access (BNSF)
- ▶ DOT# 022682X FM 1640 (BNSF)
- ▶ DOT# 022579K Commercial Drive (BNSF)
- ▶ DOT# 022778M Brazos Center Blvd (BNSF)
- ▶ DOT# 022678H FM2977 (BNSF)
- ▶ DOT# 022677B Benton Rd (BNSF)
- ▶ DOT# 022676U Name (Factory Entrance)
- ▶ DOT# 022675M FM 762/Crabb River Road (BNSF)
- ▶ DOT# 743726L FM 3155/Collins Road (UP)
- ▶ DOT# 743725E Douglass Street (UP)
- ▶ DOT# 743724X 10th Street (UP)
- ▶ DOT# 743723R 8th Street (UP)
- ▶ DOT# 743722J 6th Street (UP)
- ▶ DOT# 743720V 4th Street (UP)
- ▶ DOT# 743719B 2nd Street (UP)

The Cities of Richmond, and Rosenberg, and Fort Bend County are exploring the steps necessary to implement Quiet Zones along the Union Pacific and BNSF Railway corridors at these 22 crossings. This diagnostic work will build on the information gathered and presented as part of the Quiet Zone study. The objective of the diagnostic work will be to present the feasible Quiet Zone options and a budgetary cost estimate to implement the various options as well as a budgetary cost for Way Side Horns at each crossing. For the purposes of this scope, we have excluded grade separations and road closures from the options to be considered. This will allow the Cities and County to compare the options for each crossing to further assist in the decision making process.

The TranSystems Team will perform the following as part of the diagnostic team scope:

1. Conduct a Kick Off meeting - Review project scope/schedule/QZ options with City and County Staff

2. Coordinate and schedule diagnostic team meeting and conduct diagnostic team review (on-site). The diagnostic team will include the TranSystems team, the roadway agency (city/county/TxDOT) and the railroad owner (UP and/or BNSF), and Amtrak
3. Prepare notes from diagnostic review of crossings
4. Prepare and submit Draft Report with diagnostic team recommendations, order of magnitude cost estimates and next steps
5. Final Quiet Zone Study Report - address comments to the diagnostic teams' work, revise report and submit final report. The final results of the diagnostic team's work will be incorporated into the final Quiet Zone report.
6. Prepare and make presentations to the Cities of Richmond and Rosenberg

The report will also summarize the next steps required to progress the crossings to a Quiet Zone.

TranSystems proposes to add CTC, Inc. to the team for this effort. CTC is a railroad signal design and construction firm that has extensive knowledge in the implementation of quiet zones using or upgrading existing signal equipment for at-grade crossings. Their expertise in railroad signal design, operations, and equipment is necessary to assist with the assessment of the signal equipment currently installed at the crossings. They will also make recommendations on any upgrades to that equipment necessary to implement the potential Supplemental Safety Measures being considered. A fee of \$51,157 is proposed to hold the kick off meeting, conduct the diagnostic reviews of the crossings, incorporate the additional data into and finalize the report, and make presentations to each City Council. Sub-consultants (CTC, Inc.) are estimated not to exceed \$39,574 and will be charged with no markup and is included in the above fee estimate.

We are ready to begin as soon as a contract is executed. We anticipate being able to perform the diagnostic site visit and prepare a draft report within 8 weeks of commencement dependent on the availability of the diagnostic team participants. Once comments are received we expect to be able to deliver the final report within 2 weeks. The final report will be a printed PDF bound with a cover, ten copies are included in the fee. An electronic PDF file will be provided also.

We look forward to continuing to be of assistance to you with this project.

Sincerely,



Bruce Anderson, P.E.
TranSystems
Vice President

Attachment: Estimated Fee Worksheet

11/7/2017

Fort Bend Crossing Signal Diagnostic Fee Estimate

	E4	E3	E2	E1	
	\$ 273.00	\$ 170.00	\$ 128.00	\$ 111.00	
Kick off meeting	2	2			
Diagnostic site visit	12	12			
Cost estimates (22 xings-civil)	1	4		16	
Draft report	2	4			
Final report	2	4			
Total hours	19	26	0	16	
Fee	\$ 5,187.00	\$ 4,420.00	\$ -	\$ 1,776.00	\$ 11,383.00
Sub-Consultant CTC					\$ 39,574.00 at cost
Expenses					\$ 200.00 at cost - assume 4 r/t 100 mi each
Lump Sum Subtotal					\$ 51,157.00

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
CERTIFICATION OF FILING**

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
TranSystems Corporation dba TranSystems Corporation Consultants
Houston, TX United States

Certificate Number:
2017-285895

Date Filed:
11/20/2017

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Fort Bend County

Date Acknowledged:

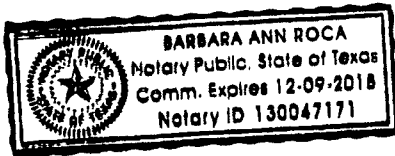
3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
25491
Railroad Crossing Quiet Zones Evaluation

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Gelman, Harold	Houston, TX United States	X	
Lattiere, Jack	Houston, TX United States	X	
Malir, Paul	Houston, TX United States	X	
Larson, Brian	Houston, TX United States	X	
Katims, Ronald	Houston, TX United States	X	
Morsches, Richard	Houston, TX United States	X	
Spane, Robert	Houston, TX United States	X	
Grow, John	Houston, TX United States	X	
Frigon, Julie	Houston, TX United States	X	

5 Check only if there is NO interested Party.

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.



Thomas Munson

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Thomas Munson, this the 20th day of November, 2017, to certify which, witness my hand and seal of office.

Barbara Ann Roca
Signature of officer administering oath

Barbara Ann Roca
Printed name of officer administering oath

Notary Public, State of Texas
Title of officer administering oath

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FORM 1295

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Fort Bend County

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11/28/2017

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25491
Railroad Crossing Quiet Zones Evaluation

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	Lattiere, Jack	Houston, TX United States	X	
	Malir, Paul	Houston, TX United States	X	
	Larson, Brian	Houston, TX United States	X	
	Katims, Ronald	Houston, TX United States	X	
	Morsches, Richard	Houston, TX United States	X	
	Spane, Robert	Houston, TX United States	X	
	Grow, John	Houston, TX United States	X	
	Frigon, Julie	Houston, TX United States	X	

5 Check only if there is NO Interested Party.

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20_____, to certify which, witness my hand and seal of office.

Signature of officer administering oath

Printed name of officer administering oath

Title of officer administering oath