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EXECUTION

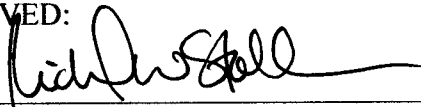
This First Amendment shall become effective upon execution by County.

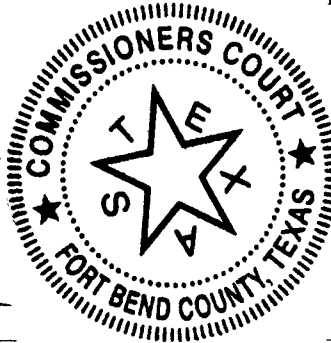
FORT BEND COUNTY:

By: 
Robert E. Hebert, County Judge

5-30-13
Date


ATTEST: 
Dianne Wilson, County Clerk

APPROVED: 
By: Richard Stolleis, County Engineer



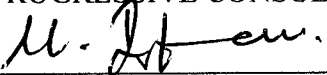
5/29/13
Date

FORT BEND COUNTY ASSISTANCE DISTRICT NO. 1:

By: 
Robert E. Hebert, County Judge

5-30-13
Date

PROGRESSIVE CONSULTING ENGINEERS, PLLC


Mohammad Irfan, P.E., PTOE

5/21/2013
Date

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 206,275⁰⁰ to accomplish and pay the obligation of the Fort Bend County under this contract.


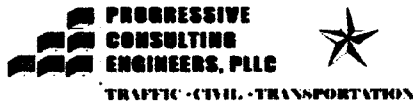

Ed Sturdivant, Fort Bend County Auditor

Exhibit A: Proposal from Engineer dated May 20, 2013



May 20, 2013

Mr. Richard W. Stolleis, P.E.
County Engineer
1124-52 Blume Road
Rosenberg, Texas 77471

Re: Fee Proposal for Roadway Right Turn Lanes Design Improvements for the Cinco Ranch Blvd Approaches at Westheimer Parkway and Associated Traffic Signal Design Improvements, Traffic Control Plans, and Signing and Pavement Markings Design Services.

Dear Mr. Stolleis:

Progressive Consulting Engineers (PCE), PLLC, appreciate the opportunity to submit this proposal to provide engineering design services associated with the proposed roadway turn lanes and traffic signal design improvements at the referenced intersection. The intersection turn lanes improvements and associated traffic signal modification services will be provided for the following location:

- 1) Westheimer Parkway at Cinco Ranch Blvd

PCE will prepare detailed design plans in accordance with the TxDOT's applicable standards and specifications. The construction plans will contain all of the required details pertaining to general and construction notes.

The above proposed engineering services constitute our fee proposal to provide basic engineering design services for the referenced project. Our proposed fee is a Fixed-Fee amount of \$39,300.00 including with all direct and indirect expenses.

We shall begin work upon receipt of an executed contract and notice to proceed with the Fort Bend County Engineering. We anticipate completion of the design work between 45 to 50 weekday calendar days. PCE will work hard to expedite the design process.

As instructed by the Fort Bend County Engineering, the funds for the design and construction will be paid by CAD#1. A detailed breakdown for engineering fee and estimated construction cost for the subject location including with reimbursable expenses is outlined in Table -1, shown on the next page.

16360 Park Ten Pl Suite #106, Houston, Texas 77084 - Phone: 281-630-5485, Fax: 281-394-5636
WWW.PCEHouston.com



Mr. Richard W. Stolleis, P.E.
 May 20, 2013
 Page 2 of 3

Basis of Compensation – Fixed Fee

Following is our tasks fixed fee schedule break down:

Table-1

CAD#1	SECTION-I	TASK COST	CONSTRUCTION COST
	WORK TASK - BASIC SERVICES (CAD#1)		
	Cinco Ranch Blvd AT Westheimer Pkwy		
	Task 1 - Roadway Design Phase	\$16,111.00	\$244,500.00
	Task 2 - Traffic Control Plan (TCP)	\$6,500.00	
	Task 3 - Traffic Signal Modification	\$9,750.00	
	Task 4 - Signing & Pavement Markings	\$1,500.00	
	Sub Total - I	\$33,861.00	\$244,500.00
	SECTION-II		
	SURVEY FOR ADDITIONAL RIGHT OF WAY		
	Task 1 - Preparing the Metes and Bounds of Survey Description for Additional Right of Way, Revising & Recording the Final Survey.	\$5,164.00	
	(Note: The above task is required for the proposed right turn lanes)		
	Sub Total - II	\$5,164.00	
	SECTION-III		
	Miscellaneous Expenses		
	Total Direct & Indirect Expenses	\$275.00	
	Miscellaneous Expenses Sub Total-III	\$275.00	
	Grand Total-A, Engineering, Surveying & Expenses (Sub Total I thru III)	\$39,300.00	
	Grand Total-B, Construction Estimates		\$244,500.00
	Project Grand Total A+B (Design, Survey, Construction and Expenses)	\$283,800.00	

Mr. Richard W. Stolleis, P.E.

May 20, 2013

Page 3 of 3

If you have any questions, please contact me at 281-630-5485. I want to thank you for the opportunity to serve the Fort Bend County Engineering Department.

Sincerely,

Progressive Consulting Engineers, PLLC

M. Irfan

Mohammad Irfan, P.E., PTOE
President & Principal Engineer

mi:fbce-cinco & westh rdwy int impr fee prop_letter to mr. richard-may 20-2013

ATTACHEMENT A-1 SCOPE OF ENGINEERING SERVICES

GENERAL:

Intersection right turn lanes improvement design for Cinco Ranch Blvd approaches, traffic signal modification design, traffic control plans, signing and pavement markings design services will be provided for the following location:

1. Westheimer Parkway at Cinco Ranch Blvd

PCE will prepare detailed design plans in accordance with the TxDOT's applicable standards and specifications. The construction plans will contain all of the required details pertaining to general and construction notes. The proposed scope of services, basis of compensation and schedule of work are outlined below:

Project Scope of Services:

I. Intersection

Cinco Ranch Blvd at Westheimer Pkwy

- Design an exclusive right turn lane with approximately 150' of storage area on northbound Cinco Ranch Blvd approach.
- Design an exclusive right turn lane with approximately 150' of storage area on southbound Cinco Ranch Blvd approach.
- Modify existing traffic signal to include new signal poles with 44 ft. mast arm and new pedestrian poles in the northwest and southeast corners of the intersection. The design will also include new ground boxes, 4 inch PVC (SCH 80) bore and 3 inch PVC conduits. PCE will use some of the existing hardware such as VIVDS cameras and other hardware as approved by the FB County Engineering staff to minimize the construction cost.
- Prepare signal improvement plan to include Flashing Yellow Arrow (FYA) operation for the southbound and northbound Cinco Ranch Blvd approaches, quantity estimates, revise the existing vehicle imaging video detection system (VIVDS) as necessary to fit with the roadway improvements and new traffic signal phasing plan for the entire intersection.
- Prepare plan sheet with all control indicated, pavement widths, start and end points of improvements, geometric data and miscellaneous information required to construct the proposed turning lanes.
- Make adjustments to existing public utilities such as; drainage inlet (s), sanitary manhole (s), fire hydrant and street light pole (s), if necessary.

- Prepare a traffic control plan (TCP) with multiple phases to construct the proposed turn lanes and median modification. The specific traffic control work will consist of the completed TCP with detailed construction sequences, typical sections wherever necessary & quantities if needed, general construction notes and the necessary traffic control phases, complete with all barricades, signing, striping, delineation, other TMUTCD approved devices to protect the travelling public, and provide safety to the construction forces. The TCP will also include all the pertinent standard drawings.
- Intersection pavement markings design for the entire intersection
- and other necessary signing and pavement markings improvements.
- Work also includes select demolition, earth work, sod, paving, relocate existing ground mounted signage, and curb adjustment as necessary.

Schedule of Work:

We shall begin work upon receipt of an executed contract and notice to proceed with the Fort Bend County Engineering. We anticipate completion of the design work between 45 to 50 weekday calendar days, which also depends on TxDOT review period. PCE will work hard to get expedited TxDOT review.

PCE Deliverables:

PCE submittal will follow the following formats:

- 1) Total six sets of PS&E at each 75% and 100% submittal
- 2) Distribute to the following agencies at each submittal as follows:
 - a. FBC Engineering - Three (3) sets
 - b. TxDOT FB Area Office - Three (3) sets
 - c. Package-1: Intersection: Cinco Ranch at Westheimer Pkwy
 - i. Twelve (12) sets of the Final Signed Plans for Bidding Phase

Items Required by the Fort Bend County Engineering Department:

The Fort Bend County Engineering Department will provide the following items:

- Available roadway, traffic signal as built plans and/or layout drawings with available utility plans for the following intersections:
 - Cinco Ranch and Westheimer Pkwy
(Preferably electronic dgn/pdf or hard copy format).
- Available soil boring information

Additional Responsibilities:

- 1) The Design Consultant shall arrange for a design kick-off meeting with, Fort Bend County Engineering to discuss the intersections improvements.
- 2) Proposed preliminary plan views must have a 1"=40' scale wherever possible when plotted to 11"x17".
- 3) Utility coordination for this project will be done by the consultant with assistance from the Fort Bend County Engineering Department. The consultant incorporate both private and public utility to their best information into the preliminary design plans (both existing and proposed plans).
- 4) All documents prepared by the Consultant, including, drawings, estimates, field notes, investigation studies, etc., are the property of the FB County.
- 5) All preliminary plan sheets shall be developed using Microstation V8 (dgn file format) or higher and no translations or system revisions may be necessary by the FBCED.

Reference Manuals and Standards to be used, but not limited to the following:

The design plans will be prepared in accordance with general traffic engineering principals and practices as prescribed by the guidelines of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) and TxDOT standards.

General Scope for all Locations:

1. Prepare final bid ready construction plans, specifications and estimates (PS&E) as per the TxDOT Design Standards.
2. Proposed median and turn lane improvements will be shown in a plan view only with no profiles being developed.
3. No separate drainage or hydrologic analyses and plans will be prepared for this project.
4. No geotechnical work will be provided under this contract.
5. No drainage district coordination by PCE
6. PCE will submit the design plans to TxDOT for review and construction permit.

Contract Phase Services:

1. Assist the County in obtaining bids.
2. Attend Pre-bid conferences and prepare addendums, if needed.
3. Assist in tabulation and analysis of bids and furnish recommendations on the award of the construction contract.

Construction Phase Services:

1. Attend and assist County in Pre-construction conferences.
2. Make periodic visits to determine, in general, if the work is proceeding in accordance with the contract documents.
3. Review monthly and final estimates on forms provided by the County, for payments to the Contractor.
4. Assist in reviewing change order pricing and quantities.

Basis of Compensation – Fixed Fee

Following is our tasks fixed fee schedule break down:

Table-1

	SECTION-I WORK TASK - BASIC SERVICES (CAD#1)	TASK COST	CONSTRUCTION COST
CAD#1	Cinco Ranch Blvd AT Westheimer Pkwy		\$244,500.00
	Task 1 - Roadway Design Phase	\$16,111.00	
	Task 2 - Traffic Control Plan (TCP)	\$6,500.00	
	Task 3 - Traffic Signal Modification	\$9,750.00	
	Task 4 - Signing & Pavement Markings	\$1,500.00	
	Sub Total - I	\$33,861.00	\$244,500.00
	SECTION-II SURVEY FOR ADDITIONAL RIGHT OF WAY		
	Task 1 - Preparing the Metes and Bounds of Survey Description for Additional Right of Way, Revising & Recording the Final Survey.	\$5,164.00	
	(Note: The above task is required for the proposed right turn lanes)		
	Sub Total - II	\$5,164.00	
	SECTION-III Miscellaneous Expenses		
	Total Direct & Indirect Expenses	\$275.00	
	Miscellaneous Expenses Sub Total-III	\$275.00	
	Grand Total-A, Engineering, Surveying & Expenses (Sub Total I thru III)	\$39,300.00	
	Grand Total-B, Construction Estimates		\$244,500.00
	Project Grand Total A+B (Design, Survey, Construction and Expenses)	\$283,800.00	

PROGRESSIVE CONSULTING ENGINEERS, PLLC
COMPENSATION FOR ADDITIONAL SERVICES, IF REQUIRED, WILL BE COMPENSATED AT THE FOLLOWING HOURLY RATES:

Classification	Base Rate	Multiplier	Hourly Rate
Principal Engineer	\$60.00	2.5	\$150.00
Sr. Project Manager	\$60.00	2.5	\$150.00
Senior Engineer	\$55.00	2.5	\$137.50
Design Engineer	\$45.00	2.5	\$112.50
CADD Designer	\$29.00	2.5	\$72.50
Clerical Support	\$19.00	2.5	\$47.50
<i>Additional Reimbursable Expenses</i>			
Mileage		\$0.565	
Printing	8.5 x11	\$0.15	
	11 x 17	\$0.25	

Our proposed budget for the design services for this project on a fixed fee basis is as follows:

GRAND TOTAL OF SECTIONS I, II & III = \$39,300.00
(Attachments A-1)

If our scope of services, basis of compensation and schedule of work are acceptable, please provide a contract for engineering services, which we can execute and return to you. We sincerely appreciate the opportunity to serve the Fort Bend County Engineering Department.



WESTERN GROUP CONSULTANTS
A LAND SURVEY DIVISION OF
RAHAMAN & ASSOCIATES, INC.

May 15, 2013

Mr. Mohammad Irfan, P.E.
PROGRESSIVE CONSULTING ENGINEERS, PLLC
16360 Park Ten Place, Suite 230
Houston, Texas 77084

RE: Fort Bend County Traffic Modifications
Right-of-Way Parcel Taking
Westheimer Parkway @ Cinco Ranch Boulevard

Dear Mr. Irfan:

Western Group Consultants is pleased to submit this proposal for surveying services on the above referenced project, as follows:

1. Scope of Services:

- a) Perform field survey, deed abstracting and office services for establishing parcel map and metes and bounds description for (2) two right-of-way widening parcels.
- b) Provide signed/seal 11 x 17 exhibits and metes and bounds descriptions.

2. Fee Proposal:

Field surveys, maps, metes and bounds descriptions and set corners

(i) 3-man survey crew @ \$140.00 per hour x 8 hours	= \$1,120.00
(ii) Survey Technician @ \$72.00 per hour x 16 hours	= \$1,152.00
(iii) Deed Abstract @ \$120.00 per parcel	= \$ 120.00
(iv) RPLS @ \$95.00 per hour x 2 hours	= \$ 190.00
Cost per parcel	= \$2,582.00

2 Parcels x \$2,582.00 per parcel = \$5,164.00

3. Schedule:

Survey will be completed within 30 days upon your authorization to proceed.

If you are in need of any additional information, please do not hesitate to contact me at (713) 465-6655 or via email: ray@wgcsurvey.com

Thank you,
WESTERN GROUP CONSULTANTS

Raymond Rahaman, RPLS
President

11115 East Pecanway, Suite 200 • Houston, Texas 77036 • Phone: (713) 465-6655 • Fax: (713) 465-6656

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/31/2012

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER USI Southwest Three Memorial City 840 Gessner, Suite 600 Houston, TX 77024	CONTACT NAME:	
	PHONE (A/C, No, Ext): 713 490-4600	FAX (A/C, No): 713-490-4700
INSURED Progressive Consulting Engineers, PLLC 5507 Maverick Point Lane Katy, TX 77494	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Sentinel Insurance Company Ltd.	NAIC #: 11000
	INSURER B: Hartford Accident & Indemnity C	22357
	INSURER C: XL Specialty Insurance Company	37885
	INSURER D:	
INSURER E:		
INSURER F:		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC			61SBMZK4197	07/22/2012	07/22/2013	EACH OCCURRENCE \$500,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$500,000 GENERAL AGGREGATE \$1,000,000 PRODUCTS - COMP/OP AGG \$1,000,000 \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			61SBMZK4197	07/22/2012	07/22/2013	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB EXCESS LIAB DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			61WBCZR2902	07/22/2012	07/22/2013	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
C	Professional Liability			DPS9702505	07/22/2012	07/22/2013	\$1,000,000 per claim \$1,000,000 anni aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Project Ref: Signalization for Belknap Rd. at West Belfort & Beechnut St. at Winkleman Rd.

CERTIFICATE HOLDER

CANCELLATION

Fort Bend County, Texas Attn: Cheryl Krejci 4520 Reading Rd. Rosenberg, TX 77471	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 