

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 Huitt-Zollars, Inc., (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 May 1, 2018, (hereinafter "Agreement") pursuant to SOQ 14-025; and

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

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

1. County shall pay Contractor an additional eighty-eight thousand one hundred twenty-five dollars and 00/100 (\$88,125.00), for the services as described in Contractor's proposal for additional services dated November 14, 2018, 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 four hundred fifty-one thousand eighty-one dollars and 74/100 (\$451,081.74), authorized as follows:
 \$362,956.74 under the Agreement; and
 \$88,125.00 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 written agreement executed by both parties.
4. The parties hereby acknowledge and agree that the Time of Performance shall hereby be extended to end no later than December 31, 2020.

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

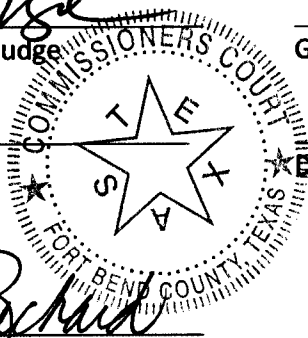
FORT BEND COUNTY

HUITT-ZOLLARS, INC

KP George
KP George, County Judge

Gregory R. Wine
Gregory R. Wine, P.E., Senior Vice President

3-26-2019
Date



March 15, 2019
Date

ATTEST:

Laura Richard
Laura Richard, County Clerk

APPROVED:

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

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer
Marcus D. Spencer, First Assistant County Attorney

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 451,081.74 to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Ed Sturdivant
Robert Ed Sturdivant, County Auditor

EXHIBIT A

November 14, 2018

Robert W. Barnett, P.E.
C/O Fort Bend County Engineering
Vice President
LJA Engineering, Inc.
2929 Briarpark Drive Suite 600
Houston, Texas 77042-3703

Reference: Mason Road from Waterside Village Dr to Lewisville Dr & turn lanes at SH99
Fort Bend County 2017 Mobility Bond Program

Subject: Proposal – Additional scope for Final Engineering, Bid & Construction phase

Dear Mr. Barnett,

Enclosed are Huitt-Zollars, Inc.'s proposed budget, manpower and direct expense breakdown and scope of services for completing the for completing the additional scope identified after the preliminary engineering has been performed prepare the additional 4 metes & bounds, separate final engineering package for turn lanes under SH 99 , Bidding & Construction phase Services for the above referenced project based on the scope exhibits provided to Huitt-Zollars by LJA Engineering, Inc.

Huitt-Zollars, Inc.'s proposed budgets for referenced project follow:

Phase 2 – Package 1 - Final Design Services	\$ 37,700.00
Phase 3 – Construction Phase Services	\$ 4,340.00
Total Basic Services Fee	\$ 42,040.00

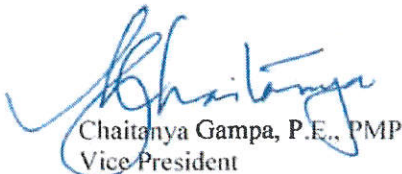
Additional Services


1) Proposed ROW Maps, Metes & Bounds (4 Parcels)	\$ 13,630.00
2) Traffic Signal Warrant Study	\$ 6,805.00
3) Traffic Signal Design (Mason @ Lewisville)	\$ 25,650.00
Total Additional Services Fee	\$ 46,085.00

Our total proposed budget for the above services is estimated to be \$ **88,125.00**. Detailed scope of services and level of effort on the basic services and additional services are attached. Also attached are the proposals from Sub consultants for the additional services. Should you have any questions, or require additional information, please call. Thank you.

Upon receipt of a written notice to proceed, we will commence work. Thank you.

Sincerely,
Huitt-Zollars, Inc.


Chaitanya Gampa, P.E., PMP
Vice President

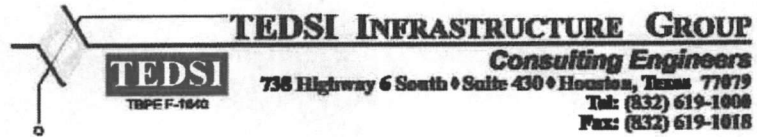

Daniel Menendez, P.E., PWLF
Vice President

HUTT-ZOLIARS
PROJECT BUDGET WORKSHEET - Houston 2018

Client: Fort Bend County Engineering
Project Name: Mason Rd & SH99
Contract No.: 2017 Mobility Bond Program
Project No.: R309079.01

Date: 11/1/2018
Project Number: R309079.01
Project Template:
Labor Code Schedule: H017

Phase Number		2	3	3	3	3	3	3	3	3	3	3	4	5	RMB				
Phase Description		Survey	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	DESIGN PHASE (PACKAGE 1)	QUANTITIES & COST ESTIMATES	BID & CONSTRUCTION PHASE	Reimbursable Expenses			
Task Number		B	A	B	C	D	E.1	E.2	E.3	F	G	H	H						
Task Description		PARCEL ACQUISITION	PLAN & PROFILE DRAWINGS	DRAINAGE AREA MAP & CALCULATION SHEETS	SIGNING & PAVEMENT MARKING	TRAFFIC CONTROL PLANS	TRAFFIC SIGNAL PLANS	TRAFFIC WARRANT	TRAFFIC SIGNAL PLANS @ LEWESVILLE	SWPPP	STANDARD DETAILS	PROJECT MANUAL & SPECIFICATIONS	QUANTITIES & COST ESTIMATES						
Phase/Task Manager																			
Lump Sum or Hourly																			
		Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total	Column Total		TOTAL HOURS	TOTAL BUDGET	
Labor Code	Labor Classification	Hourly Rate	\$ 13,630.00	\$ 6,270.00	\$ 4,390.00	\$ 2,880.00	\$ 2,840.00	\$ 10,340.00	\$ 6,805.00	\$ 25,650.00	\$ 1,660.00	\$ 2,220.00	\$ 3,560.00	\$ 3,540.00	\$ 4,340.00				
PIC	Principal-In-Charge	\$ 245.00															0	\$ -	
DPX	Design Principal	\$ 210.00															0	\$ -	
SPM	Sr. Project Manager	\$ 210.00	1	1	0	0	0	2	1	2	0	0	4	2	2		15	\$ 3,150.00	
PMX	Project Manager	\$ 185.00															0	\$ -	
QAM	QA Manager	\$ 190.00		2	1												3	\$ 570.00	
SCE	Sr. Civil Engineer	\$ 180.00	2	8	8	2	2	16	2	4	1	1	12	12	8		78	\$ 14,040.00	
CEX	Civil Engineer	\$ 175.00															0	\$ -	
EIT	Engineer Intern	\$ 120.00		20	12	8	12	24	0		8	8	8	8	12		112	\$ 13,440.00	
SCT	Sr. CADD Technician	\$ 130.00	4	12	8	12	8	32		8	4	4			8		100	\$ 13,000.00	
CTX	CADD Technician	\$ 90.00															0	\$ -	
PSS	Senior Project Support	\$ 95.00															0	\$ -	
PRO	Project Support	\$ 70.00	2	4	4							8	8				26	\$ 1,820.00	
Total Manhours per Phase/Task			9	47	33	22	22	74	3	14	13	21	24	22	30		334		
HZ Labor per Phase/Task		\$ 1,230.00	\$ 6,270.00	\$ 4,390.00	\$ 2,880.00	\$ 2,840.00	\$ 10,340.00	\$ 570.00	\$ 2,180.00	\$ 1,660.00	\$ 2,220.00	\$ 3,560.00	\$ 3,540.00	\$ 4,340.00				HZ Labor	\$ 46,020.00
Direct Expenses (Distribute among Phases/Tasks as applicable)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Direct Expenses	\$ -
Direct Consultants (Distribute among Phases/Tasks as applicable)		\$ 12,400.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,135.00	\$ 23,470.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			Direct Consultants	\$ 42,105.00
RMB Expenses																		RMB Expenses	\$ -
RMB Consultants (Distribute among Phases/Tasks as applicable)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			RMB Consultants	\$ -
Total Fee per Phase/Task		\$ 13,630.00	\$ 6,270.00	\$ 4,390.00	\$ 2,880.00	\$ 2,840.00	\$ 10,340.00	\$ 6,805.00	\$ 25,690.00	\$ 1,660.00	\$ 2,220.00	\$ 3,560.00	\$ 3,540.00	\$ 4,340.00	\$ -			CONTRACT SUM	\$ 88,125.00



November 2, 2018
(Revised on November 5, 2018)

Ms. Chaitanya Gampa, P.E., PMP
Vice President
Huitt-Zollars, Inc.
10350 Richmond Avenue, Suite 300
Houston, TX 77042

**Re: Proposal for Traffic Signal Warrant Study and Traffic Signal Design Services –
Mason Road at Lewisville Drive**

Dear Ms. Gampa:

TEDSI INFRASTRUCTURE GROUP (TEDSI) appreciates the opportunity to submit this proposal to Huitt-Zollars, Inc. (HZ) to perform professional engineering services for Traffic Signal Warrant Study and if warranted, design of Proposed Permanent Traffic Signal at the intersection of Mason Road and Lewisville Drive.

The Scope of Services is found in **Attachment A**.

PROJECT UNDERSTANDING

Mason Road is aligned north-south in the vicinity of the intersection. It is a four (4) lane divided boulevard roadway with a grass median in the middle, and curb-and-gutter section on both sides. Lewisville Drive is aligned east-west near intersection with Mason Road. It is a two (2) lane undivided roadway with curb and gutter section on both sides. Lewisville Drive forms a "T" intersection with Mason Road. A stop sign control exists at the westbound approach of Lewisville Drive.

Fort Bend County would like to perform a traffic signal warrant analysis at the above captioned intersection. If warranted, Fort Bend County would like to propose a traffic signal at this intersection. The design task will include proposed traffic signal, stop bar and crosswalk striping at the intersection and wheel chair ramps that are compliant to Americans with Disabilities Act (ADA).

SCHEDULE

The work defined in the Scope of Services can be completed within 60 calendar days for the Design Phase after receiving authorization to proceed from HZ. Although this schedule does not include the time required for agency's review, we are prepared to help expedite all necessary reviews to ensure a timely completion of the project.

COMPENSATION

The work as defined in the Scope of Services will be performed at a lump sum fee as follows:

1. Task A – Traffic Signal Warrant Study design fee is **\$6,235.00**.
2. Task B – Proposed Permanent Traffic Signal design fee is **\$23,470.00**

The total lump sum fee is **\$29,705.00** and is shown in **Attachment B**.

This proposal is valid for ninety (90) calendar days and does not constitute a binding contract. We trust that the information provided is sufficient for you to complete your evaluation of this proposal. However, should you have any questions, please advise.

Thank you for considering TEDSI INFRASTRUCTURE GROUP for this project. We look forward to working with you on this project to serve Fort Bend County.

Sincerely,

TEDSI INFRASTRUCTURE GROUP

Yohannes Tadesse, P.E.
Project Manager

Enclosures: As Noted

ATTACHMENT A SCOPE OF ENGINEERING SERVICES

GENERAL:

Traffic Signal Warrant Study will be conducted at the intersection of Mason Road and Lewisville Drive. If warranted, a permanent traffic signal will be provided at the intersection.

The scope of services and associated fees are based on the following: 1) TEDSI Infrastructure Group (TEDSI) will coordinate all of its work with Huitt-Zollars, Inc. (HZ), Fort Bend County and Texas Department of Transportation (TxDOT); 2) If applicable, TEDSI will obtain service outlet location and data statement from the power company for the required electrical service; 3) Traffic Signal Warrant Study and Traffic signal design will be in accordance with the Texas Manual on Uniform Traffic Control Devices (TMUTCD), TxDOT and Fort Bend County Criteria. Of note – this scope of services does not include special drilled shaft foundation design.

TASK A – TRAFFIC SIGNAL WARRANT STUDY

TEDSI shall perform the following for the Traffic Signal Warrant Studies:

- Conduct site inspection, obtain photographs and prepare existing condition diagram of the study intersection. Record pedestrian and vehicular traffic characteristics, grades and sight distances as observed while in the field.
- Manually record turning movement counts and pedestrian counts at the study intersection during a typical weekday (Tuesday, Wednesday or Thursday) for a continuous 12-hour period. Counts will be non-classified and recorded at 15 minute and hourly intervals. Also record minor street delay.
- Obtain accident records for the study location during the most recent 36-month period, analyze and prepare collision diagram.
- Conduct a signal warrant study following the guidelines published in the Texas Manual On Uniform Traffic Control Devices (latest revision) and evaluate the need for conventional traffic signal at the study intersection.
- Obtain projected traffic data conducted for the surrounding area from Houston Galveston Area Council (H-GAC) and Fort Bend County.
- Prepare and submit reports in PDF format. The report shall include existing conditions diagram, field photographs, current traffic counts, signal warrant analysis, and recommendations. Revisions to the reports shall be made due to any comments received.

TASK B – TRAFFIC SIGNAL DESIGN SERVICES

- A. Obtain all required information relative to the design of this project from state, county, city, municipalities and utility companies (water districts, telephone, gas, electric, pipelines, etc.)
- B. Make field surveys and verify proposed locations of all proposed signal poles, controller, pull boxes, and other traffic control devices to avoid any conflicts during construction.
- C. Obtain electrical service locations for each intersection from applicable power company.
- D. Provide traffic signal design drawings for the intersection utilizing TxDOT standard details and specifications.
- E. TxDOT signal standards will be used to design traffic signal foundations.
- F. Provide final construction drawings, details, specifications, and bid items.
- G. Provide a preliminary cost estimate for the construction package.

Task 1: Base Plan Preparation

- a. Develop traffic signal preliminary layouts with locations of traffic signal poles and controller.
- b. Coordinate pole locations with HZ.

Deliverables: Base Plans

- i. One 11"x17" PDF.

Task 2: Utility Documentation

- a. Show existing utility information on existing and proposed signal plans.
- b. Identify utility conflicts and coordinate with HZ for utility information.
- c. Coordinate pole locations with HZ.

Task 3: Preliminary (75%) Plan Preparation

- a. Develop traffic signal layouts including wiring, notes, quantities, utility information, ROW and any applicable additional ROW requirements.
- b. Coordinate pole locations with HZ.
- c. Prepare Draft bid proposal document.

Deliverables: Preliminary (75%) Plans

- i. One 11"x17" PDF.
- ii. One electronic bid quantities proposal form (PDF).
- iii. Draft project proposal including special specifications, special Provisions and Notice to Bidders.
- iv. List of standard detail Drawings

Task 4: Utility Coordination

- a. Coordinate with HZ to resolve utility conflict issues.
- b. Plan revisions to avoid utility conflicts.
- c. Documenting additional utility information.

Task 5: Final Plan and Proposal Preparation

- a. Incorporate 75% review comments and finalize design.
- b. Finalize estimate of quantities, construction cost estimate, notes special provisions and special specifications.
- c. Finalize project bid package. Coordinate with HZ as necessary and provide traffic signal documents.
- d. Coordinate pole locations with HZ.

Deliverables: Final Plan and Proposal Preparation

- i. 11"x17" PDF of final signal plans signed and sealed.
- ii. One (1) Electronic CADD files for signal plans (CD).
- iii. Final electronic bid proposal document including supporting documents (PDF) and editable electronic files of the same.
- iv. List of standard detail Drawings.

ATTACHMENT B - TEDSI Fee Proposal (Revised on November 5, 2018)

PROJECT NAME: Mason Road at Lewisville Drive: Traffic Signal Warrant Study and Permanent Traffic Signal Design
PRIME PROVIDER NAME: HUITT- ZOLLARS, INC.

TASK DESCRIPTION	PRINCIPAL	PROJECT MANAGER	PROJECT ENGINEER	E.I.T.	CADD OPERATOR	ADMIN/ CLERICAL	TOTAL LABOR HRS.	NO. OF DWGS.	LABOR HRS PER SHEET	TOTAL LABOR COST
FC 102 - FEASIBILITY STUDIES										
DATA COLLECTION		1	2	8			11	N/A	N/A	\$1,625.75
SITE INSPECTION			2	4			6	N/A	N/A	\$870.94
TRAFFIC SIGNAL WARRANT ANALYSIS		1	4	6		1	12	N/A	N/A	\$1,835.44
REPORTING		1	3	6			10	N/A	N/A	\$1,558.02
SUBMITTAL				2		1	3	N/A	N/A	\$345.15
HOURS SUB-TOTALS	0	3	11	26	0	2	42			
LABOR RATE PER HOUR	\$277.41	\$251.61	\$183.87	\$125.80	\$103.22	\$93.55				
FC 102 - LABOR COSTS	\$0.00	\$754.83	\$2,022.57	\$3,270.80	\$0.00	\$187.10				\$6,235.30
FC 162 - PERMANENT TRAFFIC SIGNAL										
PROJECT ADMINISTRATION QA/QC	1	2				4	7	N/A	N/A	\$1,154.83
EXISTING FIELD INVENTORY			1	3	3		7	N/A	N/A	\$870.93
EXISTING CONDITIONS LAYOUT		1	2	2	3		8	1	8	\$1,180.61
TRAFFIC SIGNAL PROPOSED CONDITIONS	1	5	12	25	40		83	3	28	\$11,015.70
PROPOSED WHEELCHAIR RAMPS							0	0	0	\$0.00
PROPOSED STOP BAR AND CROSSWALK STRIPING		1	2	3	4		10	1	10	\$1,409.63
PERMANENT TRAFFIC SIGNAL SUMMARY OF TRAFFIC SIGNAL QUANTITIES		2	3	4	6		15	1	15	\$2,177.35
PERMANENT TRAFFIC SIGNAL GENERAL NOTES			2	4	4		10	1	10	\$1,283.82
PERMANENT TRAFFIC SIGNAL STANDARDS			1	4	5		10	10	1	\$1,203.17
MEETINGS AND COORDINATION	2	2	2				6	N/A	N/A	\$1,425.78
SUBMITTALS		2	2	4		4	12	N/A	N/A	\$1,748.36
SHEET SUBTOTALS								17		
HOURS SUB-TOTALS	4	15	27	49	85	8	168			
LABOR RATE PER HOUR	\$277.41	\$251.61	\$183.87	\$125.80	\$103.22	\$93.55				
FC 162 - LABOR COSTS	\$1,109.64	\$3,774.15	\$4,964.49	\$6,164.20	\$6,709.30	\$748.40	\$23,470.18			
TOTAL (LABOR + DIRECT EXPENSES)							\$29,705.48			

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.

Huitt-Zollars, Inc.
 Dallas, TX United States

Certificate Number:
 2019-464145

Date Filed:
 03/15/2019

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:
 03/26/2019

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.

Project No. 17401; 14-025
 Paving and Drainage Improvements (Design Engineering)

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Zollars, Robert	Dallas, TX United States	X	
Huitt, Larry	Dallas, TX United States	X	
McDermott, Robert	Dallas, TX United States	X	
Wall, Cliff	Dallas, TX United States	X	
Sosebee, John Anthony	Dallas, TX United States	X	

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

 Signature of authorized agent of contracting business entity
 (Declarant)