

**RESOLUTION NO. R-2025-150**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS APPROVING AMENDMENT #1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH HUITT-ZOLLARS TO PROVIDE ADDITIONAL DESIGN AND CONSTRUCTION PHASE SERVICES FOR THE OLD IRON BRIDGE REHABILITATION PROJECT FOR A NOT TO EXCEED AMOUNT OF FIFTY NINE THOUSAND, SIX HUNDRED DOLLARS (\$59,600.00); AUTHORIZING THE CITY MANAGER TO EXECUTE ALL NECESSARY DOCUMENTS; PROVIDING FOR A REPEALING CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE.**

**WHEREAS**, the City of Bastrop approved Resolution No. R-2024-02 on January 9, 2024, entering into a professional services contract with Huitt-Zollars for the design and construction phase services for the Old Iron Bridge Rehabilitation project, and

**WHEREAS**, the City requested Huitt-Zollars to provide additional design and construction phase services for the Old Iron Bridge Rehabilitation project; and

**WHEREAS**, the City of Bastrop City Council understands the importance of proactively complying with U.S. Fish & Wildlife Services endangered species list; and

**WHEREAS**, the City of Bastrop City Council understands the requirement of receiving an official review from the Texas Historical Commission and receiving a no adverse effect determination.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BASTROP, TEXAS:**

**Section 1.** The City Council of the City of Bastrop, Texas has determined Huitt-Zollars to be a subject matter expert in the fields of streets, construction management, and inspection.

**Section 2.** The City Manager is hereby authorized to execute Amendment #1 of the Professional Services Agreement with Huitt-Zollars to provide additional design and construction phase services in an amount not to exceed of Fifty Nine Thousand, Six Hundred Dollars (\$59,600.00), as well as all other necessary documents.

**Section 3.** This resolution shall take effect immediately from and after its passage, and it is duly resolved.

**DULY RESOLVED AND ADOPTED** by the City Council of the City of Bastrop this 26<sup>th</sup> day of August 2025.

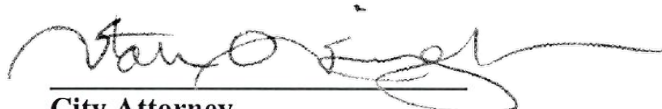
**APPROVED:**

by:   
Ishmael Harris, Mayor

**ATTEST:**

  
Michael Muscarello, City Secretary

**APPROVED AS TO FORM:**

  
City Attorney  
Denton Navarro Rocha Bernal & Zech, P.C.





July 2, 2025

Elizabeth Wick  
City of Bastrop  
Project Manager  
Engineering Department  
1311 Chestnut Street  
Bastrop, Texas 78602

Re: Old Iron Bridge Rehab  
Additional Services Proposal #1 – Additional Survey and Change of scope of existing contract

Dear Mrs. Wick:

As discussed, Huitt-Zollars, Inc. (Huitt-Zollars) is providing this proposal for additional services to City of Bastrop (City) associated with the Old Iron Bridge Rehab (Project). The additional services include tree survey and electrical design services.

Our proposal is based upon the following scope of services, compensation, and schedule. The terms and conditions are as stated in our agreement with the City dated January 16, 2024.

Our total hourly not to exceed approved contract amount for this project is \$1,129,222.45. This amount was not to exceed without additional authorization from the City of Bastrop. The level of effort associated with each task was an estimate, in addition, Huitt-Zollars reserved the right to adjust each task amount based on actual effort expended as long as the total hourly not to exceed contract amount is not exceeded.

**BUDGET SUMMARY**

	<b><u>Total</u></b>
TASK 1 - CONDITION ASSESSMENT INSPECTION	\$76,100.00
TASK 2 - LOAD RATING	\$68,680.00
TASK 3 - PS&E	\$565,770.00
TASK 4 - BID PHASE SERVICES	\$36,270.00
TASK 5 - CONSTRUCTION ADMINISTRATION	\$212,340.00
TASK 6 - HISTORIC BRIDGE SCHEMATIC REVIEW/FIELDWORK	\$19,570.00
TASK 7 - USACE PERMITTING	\$36,120.00
TASK 8 - TEXAS HISTORICAL COMMISSION COORDINATION	\$24,370.00
TASK 9 - BATHYMETRIC SURVEY	\$12,440.00
TASK 10 - HAZARDOUS MATERIALS MITIGATION	\$4,245.00
EXPENSES	\$73,317.45
<b>TOTAL HOURLY NOT TO EXCEED CONTRACT AMOUNT</b>	<b>\$ 1,129,222.45</b>

## **PROJECT UNDERSTANDING:**

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Huitt-Zollars is requesting a contract amendment to the scope of work and an increase to our overall budget. During execution of the design/permitting portion of the contract, Huitt-Zollars addressed three project issues that were not included or changed from the original contract. To address the changes to scope of work Huitt-Zollars incurred costs exceeding original budget.

### **3.1 Tricolored Bat – Tree Survey, Topographic Survey, and Right-of-Way**

#### **3.2 Lighting Design**

##### **3.2.1 Electrical**

##### **3.2.2 Structural**

3.1 Tricolored Bat - Survey: During our first meeting with US Army Corp of Engineers, including cooperating agencies, Texas Historical Commission (THC) and Environmental Commission. The Environment Commission personnel stated that the Tricolored Bat was going to be listed as an endangered species by the U.S. Fish & Wildlife Services. The Environmental Commission notified Huitt-Zollars that a tree survey of the area would be required because the Tricolored Bat has been identified to use trees to nest and that the preliminary assessment indicated would be impacted by the proposed project.

Deliverable: Meetings and coordination with City and agencies, Topographic Survey, Tree Survey, Right-of-Way research and identification.

The tree survey was not included in the original contract. Huitt-Zollar's a preliminary estimate to complete the tree survey indicated that the tree survey could be completed within the existing contract budget. Huitt-Zollars proceeded with the tree survey without requesting a contract amendment. The level of effort required to complete the tree survey was significantly more that Huitt-Zollars had anticipated. Completing the tree survey required a tree survey, topographic survey, and right-of-way research and identification.

#### **3.2 Lighting Design**

3.2.1 Electrical: During preliminary design of the electrical components and electrical light fixtures for the bridge, Huitt-Zollars was directed by the City of Bastrop and the THC to match existing lighting fixtures located in downtown Bastrop. Review of the first submittal by THC included the requirement to use modern lighting fixtures instead of the old style light fixtures originally requested. The THC and the City of Bastrop requested that a lighted railing be installed along the proposed rail system.

Deliverable: Meetings and coordination with City and agencies, Electrical Calculations and design, field investigation, equipment selection, PS&E.

3.2.2 Structural: Huitt-Zollars structural engineers worked on the evaluating the existing bridge and evaluated modifications to accommodate the updated lighting system and the lighted railing.

Deliverable: Meetings and coordination with City and agencies, Structural Calculations and design, field investigation, PS&E.

**COMPENSATION:**

Huitt-Zollars is requesting additional funds for our design efforts as follows (detailed breakdown of our estimated level of effort is attached):

3.1 Tricolored Bat – Survey	\$27,240.00
3.2 Lighting Design	
3.2.1 Electrical	\$17,000.00
3.2.2 Structural	<u>\$15,360.00</u>

**Total Budget – Amendment Request:               \$59,600.00**

**AUTHORIZATION:**

Should this proposal meet your approval and acceptance, please sign and return to our office by email. We will schedule the above services as soon as we receive your written authorization. If you have any questions, please call my cell 713-419-5583.

Sincerely,

**HUITT-ZOLLARS, INC.**

*Katherine A. Mears*

Katherine A. Mears, PE, ENV SP  
Managing Principal

**Accepted and Approved for  
City of Bastrop**

*Sylvia Carrillo-Trevino*

\_\_\_\_\_  
*Signature*

Sylvia Carrillo-Trevino, ICMA-CM, CPM

\_\_\_\_\_  
*Printed Name*

\_\_\_\_\_  
City Manager

\_\_\_\_\_  
*Title*

Aug 27, 2025

\_\_\_\_\_  
*Date*

CONTRACT MODIFICATION NO. 1 (PS&E Phase 3 - Task 3.1 Survey)

CITY OF BASTROP - REHABILITATION OF THE OLD IRON BRIDGE		HUITT-ZOLLARS, INC.								
BASIC SERVICES FEES		PRINCIPAL IN CHARGE	PROJECT MANAGER	SURVEY MANAGER	SENIOR PROJECT SURVEYOR	PROJECT SURVEYOR	2-PERSON SERVEY CREW	CADD TECH	TOTAL LABOR HRS. & COSTS	TOTAL PLAN SHEETS
TASK DESCRIPTION		\$310.00	\$240.00	\$215.00	\$200.00	\$150.00	\$180.00	\$110.00		
ITEM 3.1 - TRICOLRED BAT TREE SURVEY, TOPOGRAPHIC SURVEY AND ROW										
TREE SURVEY				2	4	6	16	40	68	1
TOPOGRAPHIC SURVEY				4	4	8	16	60	92	1
RIGHT-OF-WAY RESEARCH				2	8	8		4	22	1
QC			4	4					8	
Total Hours		0	4	12	16	22	32	104	190	
Total Cost		\$0.00	\$960.00	\$2,580.00	\$3,200.00	\$3,300.00	\$5,760.00	\$11,440.00	\$27,240.00	
TOTAL LABOR HOURS		0	4	12	16	22	32	104	190	3
TOTAL LABOR COSTS		\$0.00	\$960.00	\$2,580.00	\$3,200.00	\$3,300.00	\$5,760.00	\$11,440.00	\$27,240.00	
% DISTRIBUTION OF STAFFING		0.00%	3.52%	9.47%	11.75%	12.11%	21.15%	42.00%		

BUDGET SUMMARY		Huitt-Zollars (Prime/Engineer)
ITEM 3.1 - TRICOLRED BAT TREE SURVEY, TOPOGRAPHIC SURVEY AND ROW	\$	27,240.00
TOTAL	\$	27,240.00

**CONTRACT MODIFICATION NO. 1 (PS&E Phase 3 - Task 3.2 Final Design)**

CITY OF BASTROP - REHABILITATION OF THE OLD IRON BRIDGE		HUITT-ZOLLARS, INC.						
BASIC SERVICES FEES		PRINCIPAL IN CHARGE	PROJECT MANAGER	ELECTRICAL ENGINEER	ENGINEER IN TRAINING	CADD TECH	TOTAL LABOR HRS. & COSTS	TOTAL PLAN SHEETS
TASK DESCRIPTION		\$310,00	\$240,00	\$270,00	\$195,00	\$110,00		
ITEM 3.2.1 - ELECTRICAL REVISIONS								
PEDESTRIAN RAIL REVISIONS				16	24	8	48	1
NEW LIGHT FIXTURES				4	16	8	28	1
QC			4	4			8	1
							0	
Total Hours		0	4	24	40	16	84	
Total Cost		\$0.00	\$960.00	\$6,480.00	\$7,800.00	\$1,760.00	\$17,000.00	
TOTAL LABOR HOURS		0	4	24	40	16	84	3
TOTAL LABOR COSTS		\$0.00	\$960.00	\$6,480.00	\$7,800.00	\$1,760.00	\$17,000.00	
% DISTRIBUTION OF STAFFING		0.00%	5.65%	38.12%	45.88%	10.35%		

BUDGET SUMMARY		Huitt-Zollars (Prime/Engineer)
ITEM 3.2.1 - ELECTRICAL REVISIONS	\$	17,000.00
TOTAL	\$	17,000.00

**CONTRACT MODIFICATION NO. 1 (PS&E Phase 3 - Task 3.2 Final Design)**

CITY OF BASTROP - REHABILITATION OF THE OLD IRON BRIDGE		HUITT-ZOLLARS, INC.								
BASIC SERVICES FEES		PRINCIPAL IN CHARGE	PROJECT MANAGER	SENIOR STRUCTURAL ENGINEER	STRUCTURAL ENGINEER	ENGINEER IN TRAINING	SR. CADD TECH	CADD TECH	TOTAL LABOR HRS. & COSTS	TOTAL PLAN SHEETS
TASK DESCRIPTION		\$310.00	\$240.00	\$270.00	\$195.00	\$150.00	\$160.00	\$110.00		
ITEM 3.2.2 - STRUCTURAL REVISIONS										
PEDESTRIAN RAIL REVISIONS					4	4	8		16	1
CONCRETE APPROACH ILLUMINATION ANCHORAGE					4	4	16		24	1
WATERLINE BRACE					8	8	24		40	1
QC				8					8	
Total Hours		0	0	8	16	16	48	0	88	
Total Cost		\$0.00	\$0.00	\$2,160.00	\$3,120.00	\$2,400.00	\$7,680.00	\$0.00	\$15,360.00	
TOTAL LABOR HOURS		0	0	8	16	16	48	0	88	3
TOTAL LABOR COSTS		\$0.00	\$0.00	\$2,160.00	\$3,120.00	\$2,400.00	\$7,680.00	\$0.00	\$15,360.00	
% DISTRIBUTION OF STAFFING		0.00%	0.00%	14.06%	20.31%	15.63%	50.00%	0.00%		

BUDGET SUMMARY		Huitt-Zollars (Prime/Engineer)
ITEM 3.2.2 - STRUCTURAL REVISIONS	\$	15,360.00
TOTAL	\$	15,360.00