



Huntsville, Alabama

308 Fountain Circle
Huntsville, AL 35801

Cover Memo

Meeting Type: City Council Regular Meeting **Meeting Date:** 5/25/2023

File ID: TMP-2944

Department: Engineering

Subject:

Type of Action: Approval/Action

Resolution authorizing the Mayor to execute Modification No. 1 to the Agreement between the City of Huntsville, Alabama and Barge Design Solutions, Inc., for Monroe Road Improvements, Project No. 71-21-RD02.

Resolution No.

Finance Information:

Account Number: 3080-71-00000-524000-BUDGET01

City Cost Amount: \$136,809.00

Total Cost: \$422,542.00

Special Circumstances:

Grant Funded: N/A

Grant Title - CFDA or granting Agency: N/A

Resolution #: N/A

Location: (list below)

Address: N/A

District: District 1 ☐ District 2 ☐ District 3 ☐ District 4 ☐ District 5 ☐

Additional Comments:

Modification for additional design services with Barge for Monroe Road Improvements consisting of surveying and design for relocation of existing water line and box culvert extensions associated with the project for a total modification amount of \$136,809.00. New end date: June 26, 2023.

RESOLUTION NO. 23-

BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, to execute Modification No. 1 to the Agreement between the City of Huntsville, Alabama and Barge Design Solutions, Inc., for Monroe Road Improvements, Project No. 71-21-RD02, adopted and approved on the 11th day of February, 2021, by the City Council of the City of Huntsville, Alabama by Resolution No. 21-105, as attached hereto.

BE IT FURTHER RESOLVED that the total Contract amount be and is hereby modified from TWO HUNDRED EIGHTY-FIVE THOUSAND SEVEN HUNDRED THIRTY-THREE AND NO/100 DOLLARS (\$285,733.00) to FOUR HUNDRED TWENTY-TWO THOUSAND FIVE HUNDRED FORTY-TWO AND NO/100 DOLLARS (\$422,542.00), including this Modification No. 1, an increase of ONE HUNDRED THIRTY-SIX THOUSAND EIGHT HUNDRED NINE AND NO/100 DOLLARS (\$136,809.00). New end date: June 26, 2023. Agreement is substantially in words and figures similar to that document attached hereto and identified as "Modification No. 1 to the Agreement between the City of Huntsville, Alabama and Barge Design Solutions, Inc., for Monroe Road Improvements, Project No. 71-21-RD02," consisting of a total of three (3) pages plus seven (7) additional pages consisting of Attachment "A", and the date of, May 25, 2023 appearing in the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

ADOPTED this the 25th day of May, 2023.

President of the City Council of
the City of Huntsville, Alabama

APPROVED this the 25th day of May, 2023.

Mayor of the City of Huntsville,
Alabama

STATE OF ALABAMA)
COUNTY OF MADISON)

Modification No. 1 to the Agreement between
the City of Huntsville, Alabama and Barge Design
Solutions, Inc., for Monroe Road Improvements,
Project No. 71-21-RD02.

THIS IS MODIFICATION NO. 1 TO AN AGREEMENT entered into on the 11th day of February 2021, in the amount of TWO HUNDRED EIGHTY-FIVE THOUSAND SEVEN HUNDRED THIRTY-THREE AND NO/100 DOLLARS (\$285,733.00). The original Agreement is hereby amended by Modification No. 1, dated May 25, 2023, in the amount of ONE HUNDRED THIRTY-SIX THOUSAND EIGHT HUNDRED NINE AND NO/100 DOLLARS (\$136,809.00) for a revised contract amount of FOUR HUNDRED TWENTY-TWO THOUSAND FIVE HUNDRED FORTY-TWO AND NO/100 DOLLARS (\$422,542.00) by and between the City of Huntsville, Alabama, a municipal corporation in the State of Alabama (Owner) and BARGE DESIGN SOLUTIONS, INC. (ENGINEER).

WITNESSETH

WHEREAS, the firm identified as the ENGINEER to the Agreement dated February 11, 2021, has proposed a change, identified as Attachment "A" to the original Agreement. This Modification delineates a change for additional design services consisting of surveying and design for relocation of existing water line and box culvert extensions associated with the project.

WHEREAS, the Owner desires that the contract documents be altered to be consistent with Attachment "A" hereto.

NOW THEREFORE, in consideration of the mutual covenants set forth herein, the Owner and the ENGINEER agree to the following modifications to the agreement:

1. Barge Design Solutions, Inc., will provide for additional design services at a time and materials cost Not-to-Exceed ONE HUNDRED THIRTY-SIX THOUSAND EIGHT HUNDRED NINE AND NO/100 DOLLARS (\$136,809.00). New end date: June 26, 2023.
2. Item #1 shall be performed in accordance with the original agreement dated February 11, 2021 and approved by the City Council by Resolution No. 21-105, and as described in the letter from Gregg Bissot to Kathy Martin, dated May 3, 2023, shown as Attachment "A".

**President of the City Council of the City
of Huntsville, AL**
Date: May 25, 2023

3. The terms of this Contract Modification and the execution thereof is not in any way to be viewed as a waiver on the part of the Owner of any of its rights pursuant to the Contract.
4. All other terms and conditions remain unchanged.

IN WITNESS WHEREOF, the parties have entered their hands and seals and attest to the same with the signature of the Mayor being the official act of the said municipality in accordance with his duly constituted authority.

THE CITY OF HUNTSVILLE, ALABAMA,
a municipal corporation

By: _____
Tommy Battle
Its Mayor

ATTEST:

Shaundrika Edwards
City Clerk

STATE OF ALABAMA)
COUNTY OF MADISON)

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Tommy Battle and Shaundrika Edwards, whose names as Mayor and City Clerk of the City of Huntsville, Alabama, a municipal corporation, are signed to the foregoing instrument, and who are known to me, acknowledged before me on this day that, being informed of the contents of the instrument, they, in their capacity as such officers, executed the same with full authority for and as the act of said corporation on the day the same bears day.

GIVEN under my hand and official seal this the ____ day of _____ 2023.

Notary Public _____
My Commission Expires: _____

ENGINEER: BARGE DESIGN SOLUTIONS,
INC.

By: _____

ATTEST:

STATE OF ALABAMA)
COUNTY OF MADISON)

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Jason Lowe, as Senior Vice President, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, in his capacity as such officer, executed the same with full authority for and as the act of said Corporation on the day the same bears day.

GIVEN under my hand and official seal this the ____ day of _____ 2023.

Notary Public _____

My Commission Expires: _____



May 3, 2023

Ms. Kathy Martin
Director of Engineering
City of Huntsville
302 Fountain Circle
Huntsville, Alabama 35801

RE: Modification #1 – As negotiated
71-21-RD02/Improvements to Monroe Road

Dear Ms. Martin,

Based upon the City's request to make changes to the subject project roadway plans and the addition of the water line, please find attached our as-negotiated manday and fee proposal.

Barge appreciates the opportunity to work with the City on this very important project and we look forward to working with you all in the future. If you should have any questions, please feel free to contact Gregg Bissot, PE at 205-298-6074.

Sincerely,

Barge Design Solutions, Inc.

A handwritten signature in dark ink, appearing to read "Gregg Bissot", is written over a light gray circular background.

Gregg Bissot, PE
Alabama Roadway Practice Leader

Enclosures
Barge project # 32321-57

5/3/2023

City of Huntsville Engineering Division

8:41 AM

Project No.	71-21-RD02
Project Name	Monroe Road Improvements
Description	From West of Pulaski Pike to East of Meta Campus
Scope of Work	Modification No. 1
Project Length	1.66
C.O.H. Project Engineer	Jacob Stephens
Engineering Consultant	Barge Design Solutions, Inc.

GRAND TOTAL OF FEE PROPOSAL

	Labor Cost	Out-of-pocket Expenses	Fee
Corridor Study	\$0.00	\$0.00	\$0.00
Field Surveys	\$0.00	\$0.00	\$0.00
Preliminary Roadway Plans	\$0.00	\$0.00	\$0.00
Preliminary Bridge Plans	\$0.00	\$0.00	\$0.00
Right-of-Way Map, Tract Sketches and Deeds	\$0.00	\$0.00	\$0.00
Roadway Plans	\$136,754.86	\$54.40	\$136,809.26
Bridge Plans	\$0.00	\$0.00	\$0.00
Drainage Plans	\$0.00	\$0.00	\$0.00
Sanitary Sewer Plans	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
GRAND TOTAL FEE			\$136,809

LABOR RATES	Effective Time Period	Project Duration
Classification	Hourly Rate	Assigned Personnel
Project Engineer	\$194.25	
Environmental Scientist	\$157.50	
Design Engineer	\$159.60	
Engineer Tech. / CADD	\$99.75	
Clerical	\$84.00	
PLS	\$157.50	
Survey Crew	\$136.50	

Signed



5-3-2023

Date

 AL Transportation Manager
 Position/Title

HUNTSVILLE
 The Star of Alabama

ROADWAY PLANS	# OF SHEETS	ESTIMATED MAN-DAYS					
		Project Engineer		Design Engineer		Engineer Tech. / CADD	
		DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL
PLAN & PROFILE							
Main Roadway	9.00	0.25	2.25	0.75	6.75	0.75	6.75
Crossroads	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Detours	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Retaining Walls	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAVING LAYOUT							
Main Roadway	9.00	0.25	2.25	0.50	4.50	0.50	4.50
Crossroads	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Intersections	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INTERCHANGES							
Geometrics	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ramps Profiles	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Site Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cross Sections	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Signing	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRAFFIC CONTROL							
Sequence of Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summary & notes	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Typical Section Sketches	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Signing Layout	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Special Drawings	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STRIPING & SIGNING							
Signing, Striping & Pavement Markers Layout	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIGNALIZATION							
Signal Layout (1 per site)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Traffic Analysis	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Traffic Counts (1 per site)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Signal Warrant Analysis (1 per site)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UTILITY SHEETS							
Utility Sheets	8.00	0.50	4.00	3.00	24.00	3.00	24.00
Detail/Note Sheets	1.00	0.25	0.25	0.50	0.50	1.00	1.00
DRAINAGE SECTIONS							
Pipe&Culvert X-Sect./Profiles	4.00	0.10	0.40	0.75	3.00	1.00	4.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LIGHTING							
Plan Layout	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Special Details	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EROSION CONTROL							

5/3/2023

City of Huntsville Engineering Division

8:41 AM

ROADWAY PLANS	# OF SHEETS	ESTIMATED MAN-DAYS					
		Project Engineer		Design Engineer		Engineer Tech. / CADD	
		DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL	DAYS/ SHEET	TOTAL
SHEET TITLE							
Erosion Control Layout	9.00	0.13	1.17	0.13	1.17	0.25	2.25
Erosion Control Details	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ROADWAY CROSS SECTIONS							
Main Roadway	31.00	0.05	1.55	0.10	3.10	0.10	3.10
Crossroads	8.00	0.05	0.40	0.10	0.80	0.10	0.80
Earthwork Balancing	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUB-TOTAL	83.00		12.77		46.57		49.15
REVIEW MEETINGS							
Design Criteria/Kickoff			0.00		0.00		0.00
30% Review			0.00		0.00		0.00
60% Review			0.00		0.00		0.00
90% Review			0.00		0.00		0.00
Stormwater Permits			0.00		0.00		0.00
Drainage Report			0.00		0.00		0.00
Cost Estimates			1.00		1.00		1.00
Design Hearing			0.00		0.00		0.00
Culvert Extension Details			2.00		4.00		8.00
			0.00		0.00		0.00
			0.00		0.00		0.00
SUB-TOTAL			3.00		5.00		9.00
TOTAL MAN-DAYS			15.77		51.57		58.15

5/3/2023

City of Huntsville Engineering Division

8:41 AM

Project No. 71-21-RD02			
Project Name Monroe Road Improvements			
Description From West of Pulaski Pike to East of Meta Campus			
Scope of Work Modification No. 1			
Project Length		1.66	
C.O.H. Project Engineer Jacob Stephens			
Engineering Consultant Barge Design Solutions, Inc.			
Fee Proposal (Roadway Plans)			
PERSONNEL COST			
	Man-days	Daily Rate @ 8hrs/day	
Project Engineer	15.77	\$ 1,554.00	\$ 24,506.58
Design Engineer	51.57	\$ 1,276.80	\$ 65,844.58
Engineer Tech. / CADD	58.15	\$ 798.00	\$ 46,403.70
Clerical	0.00	\$ 672.00	\$ -
Sub-Total			\$ 136,754.86
SUB-CONSULTANTS (attach man-day & fee FROM each sub-consultant; show total fee for each here)			
		\$	-
		\$	-
		\$	-
Subconsultant Administration Expense (5%)		\$	-
Sub-Total			\$ -
TOTAL LABOR			\$ 136,754.86

5/3/2023

City of Huntsville Engineering Division

8:41 AM

Project No. 71-21-RD02					
Project Name Monroe Road Improvements					
Description From West of Pulaski Pike to East of Meta Campus					
Scope of Work Modification No. 1					
Project Length 1.66					
C.O.H. Project Engineer Jacob Stephens					
Engineering Consultant Barge Design Solutions, Inc.					
Out-of-pocket Expenses (Roadway Plans)					

PRINTING / REPRODUCTION COST					
Type of printing/reproduction	# of Sets	Sheets per Set	Total Sheets	Cost per Sheet	Total
Full Size Prints	2	20	40	\$ 0.90	\$ 36.00
1/2 Size Prints	4	20	80	\$ 0.23	\$ 18.40
Mylars	0	41	0	\$ 10.50	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
	0	0	0	\$ -	\$ -
Total Printing/Reproduction Cost					\$ 54.40

Communication Cost (telephone, fax, etc.)	Total
	\$ -

Postage Cost (overnight, stamps, etc.)	Total
	\$ -

Other (provide description on next line)	Total
	\$ -

Total Out-of-pocket Expenses **\$ 54.40**

Comments: