



Board of Aldermen Request for Action

MEETING DATE: 12/19/2023

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1297 - authorizing Amendment No. 1 of Authorization No. 96 with HDR Engineering, Inc. for additional design services for Streetscape Phase III in an amount of \$38,250.

REQUESTED BOARD ACTION:

A motion to approve Resolution 1297, authorizing Amendment No. 1 of Authorization No. 96 with HDR Engineering, Inc. for additional design services for Streetscape Phase III in the amount of \$38,250.

SUMMARY:

The City was awarded \$488,000 in federal construction funding for Streetscape Phase III – Bridge Street from Church Street to First Street. The project includes the same streetscape theme of downtown including lighting, sidewalks, curb and gutter, new road surface, storm sewer, bike sharrows, brick inlays and new attractive railing / fencing on the bridge.

In February 2022, the Board approved Resolution 1026, Authorization 96 and authorized Part 1 – Design Services in the amount of \$181,380.

In April 2023, the City approved Resolution 1216, Part 2 bidding and construction phase services in the amount of \$65,220.

On October 5, 2023, the City bid the project and received two bids that exceeded the budget by nearly \$1 million.

In November 2023 the Mid-America Regional Council Transportation Alternatives Program Committee recommended the City receive an additional \$1 million to complete the project, so the total Federal Funding received will be a maximum of \$1,488,000 (up to 80% of the project cost).

Amendment 1 with HDR includes some revisions to the plans to ensure that when the project is re-bid we will have sufficient budget to award the project. Those revisions include taking out the utility work (which is not eligible for federal cost share) and providing a separate set of plans that the City can bid, removing decorative pillars, revisions to sidewalks and removing lighting in the intersection of First Street and Bridge (these lights would have to be removed when the roundabout is constructed in the next couple years).

Mayra Toothman will be the project manager. Both Mayra and Dennis Witt became LPA certified in 2022.

The revised project schedule includes:

Advertisement for Letting - February
Bid Opening - March
Construction Contract Award - March

PREVIOUS ACTION:

Board Approved Res 1026, Approving Authorization 96 – Design services
Board approved Res 1216, Approving Part 2 of Authorization 96- bidding and construction services

POLICY ISSUE:

Infrastructure Maintenance, Community Oasis

FINANCIAL CONSIDERATIONS:

This project is included in the 2023 CIP

ATTACHMENTS:

- | | |
|--|-----------------------------------|
| <input type="checkbox"/> Ordinance | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Staff Report | <input type="checkbox"/> Minutes |
| <input checked="" type="checkbox"/> Other: agreement | |

RESOLUTION 1297

**A RESOLUTION AUTHORIZING AMENDMENT NO. 1 OF
AUTHORIZATION NO. 96 WITH HDR ENGINEERING, INC. FOR
ADDITIONAL DESIGN SERVICES FOR STREETScape PHASE III
IN THE AMOUNT OF \$38,250**

WHEREAS, the City was awarded federal construction funding for the Streetscape Phase III – Bridge Street from Church Street to First Street; and

WHEREAS, the City approved Resolution 1026 on February 15, 2022 authorizing the design phase services of Authorization 96; and

WHEREAS, plans for Streetscape III will need some modifications after the bids exceeded budget authority and receipt of additional funding through MARC; and

WHEREAS, HDR has developed Amendment No. 1 in the amount of \$38,250 for the additional design services needed.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI:

THAT the Mayor is hereby authorized to execute Amendment No. 1 to Authorization No. 96 with HDR Engineering, Inc. for additional design services in the amount of \$38,250.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 19th day of December, 2023.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk

AMENDMENT NO. 1 TO AUTHORIZATION NO. 96
TO
AGREEMENT BETWEEN
CITY OF SMITHVILLE, MISSOURI
AND
HDR ENGINEERING, INC. (FORMALLY E.T. ARCHER CORPORATION)
FOR
PROFESSIONAL ENGINEERING SERVICES

BRIDGE STREET STREETScape PHASE III – TAP-3302(434)

In accordance with Section 1.A. of the December 18, 2003 Agreement, ENGINEER is hereby authorized to assist the City with the topographic survey, design, preparation of construction documents, bidding assistance, construction administration for the Bridge Street Streetscape Phase III along Bridge Street from Church Street to First Street. The streetscape project includes a topographic survey of the project area. The Project includes mill and overlay of the street, new curb and gutter, sidewalks, storm sewer, bridge railing enhancement, street lighting, and landscaping.

Addendum Number 1 expands the original scope of the project to include a rebid of the project with modified construction scope. The initial project bid prices were higher than the City budget allowed. After talks with MoDOT, the City was awarded additional grant funds to finish the project. The City has also elected to make modifications to reduce the construction costs of the project. These modifications include:

- Remove the four (4) decorative concrete columns at corners of the bridge.
- Remove the sanitary sewer improvements.
- Bid the waterline improvements separately.
- Add ADA crosswalk east and west on Bridge Street south of First Street which will include two ramps.
- Reduce the scope at the north end of the project bringing it out of the intersection:
 - Remove three (3) decorative lights, foundations, and brick accents.
 - Reduce sidewalk on the west side.
 - Remove the asphalt overlay in the intersection.
 - Relocate storm boxes for new crosswalk.

The Scope of Services will more specifically include the following project improvements & tasks.

SCOPE OF SERVICES

Tasks 1-7 – Part of Original Work Authorization 96 – Original scope

Task 8. Design (Construction Scope Reduction) – Additional Scope

1. Remove waterline improvements – HDR will remove the waterline plans, details, references, and specifications from the Streetscape.
2. Final Design Plans - HDR will incorporate the rebid comments from the City listed above.
3. Project Manual and Technical Specifications – HDR update the project manual and project specific technical specifications to include the rebid comments.
4. Cost estimate – HDR will prepare a final itemized opinion of probable construction costs.
5. Internal QC Review – HDR will perform an internal quality control review on the final plans, project manual, and cost estimate.
6. Client Review Meeting – HDR will attend one online meeting with the City to review the final documents.
7. Submit to MoDOT – HDR will submit final plans, specifications, and cost estimate (PS&E) along the PS&E Supporting Documents to MoDOT for their review.
8. MoDOT Review Meeting – HDR will attend one online meeting with MoDOT and the City to review the final documents.
9. Finalize Bid Documents – HDR will incorporate comments from the City and MoDOT and finalize the Plans and Specifications for bid.
10. Overall Project Management – Perform project management, scheduling, and cost control for the project.

Task 9. Rebid – Additional Scope

1. Prepare bid package – HDR will assist Owner in advertising by submitting electronic copies of the bidding documents to MoDOT and Drexel Plan Room.
2. Pre-bid conference – HDR will create a meeting agenda and attend the pre-bid conference.
3. Bidder’s questions and addenda – HDR will address bidder questions and issue up to two (2) Addenda to clarify or modify the Bidding Documents.
4. Bid Opening – HDR will attend the bid opening, prepare bid tabulations, and assist Owner in evaluating bids or proposals and provide a bid award recommendation to the City.
5. Bid award – After Acceptance from the City and MoDOT, HDR will create conformed to bid drawings and specs.

Task 10. Waterline Separation – Additional Scope

1. Waterline Technical Specifications – HDR will create separate technical specifications for the waterline improvements.
2. Waterline Plans – HDR will create a separate plan set for the waterline improvements.
3. Waterline Internal QC Review - HDR will perform an internal quality control review on the final plans, project manual, and cost estimate.
4. Finalize Bid Documents – HDR will incorporate City comments and provide sealed plans and specifications to the City via email.

PROJECT ASSUMPTIONS

- Project will not bid again.
- Contractor or City will provide necessary Construction Materials Testing.
- Submittals to MoDOT are assumed to be electronic.
- HDR will provide bidding documents for the waterline improvements (plans and technical specifications). The City will be responsible for contract documents, bidding services, and construction administration of this portion of the work.

SCHEDULE

12/20/23	Notice to Proceed
01/15/24	Waterline Plans to the City
01/31/24	Streetscape Plans to the City
02/15/24	PS&E Submittal to MoDOT
03/01/24	MoDOT PS&E Approval
03/08/24	Streetscape Advertisement for Letting

FEE

The CITY shall compensate ENGINEER for the Downtown Streetscape Phase III - Amendment No. 1 in an amount not to exceed \$38,250.

This AUTHORIZATION shall be binding on the parties hereto only after it has been duly executed and approved by the CITY and ENGINEER.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this AGREEMENT in duplicate on the respective dates indicated below.

(SEAL)

CITY: SMITHVILLE, MISSOURI

By: _____

Type or Print Name

Title _____

Date _____

(SEAL)

ENGINEER: HDR Engineering, Inc. (formally
E.T. ARCHER CORPORATION)

By: _____

Cory Imhoff, P.E.

Type or Print Name

Title Senior Vice President _____

Date _____