


COUNCIL COMMUNICATION

	Number: 19-443	Meeting: October 14, 2019
	Agenda Item: 9	Roll Call: [_____]
	Submitted by: Steven L. Naber, P.E., City Engineer	

AGENDA HEADING:

Approving Professional Services Agreement (PSA) with Shuck-Britson, Inc. for professional services for Walnut Street Bridge over Des Moines River Replacement, not to exceed \$1,188,126.

SYNOPSIS:

Approving the PSA with Shuck-Britson, Inc., Timothy J. Monson, President, 400 E. Court Avenue, Suite 140, Des Moines, Iowa, 50309, for a total cost not to exceed \$1,188,126 based on hourly rates to provide professional services, including preliminary and final design and construction phase services for the Walnut Street Bridge over Des Moines River Replacement, including improvements to the Simon Estes Amphitheater vertical access lift and east river wall.

FISCAL IMPACT:

Amount: \$1,188,126

Funding Source: 2019-2020 CIP, Page Bridge – 12, Walnut Street Bridge over the Des Moines River, BR059

ADDITIONAL INFORMATION:

- The Walnut Street Bridge over Des Moines River was constructed in 1911 and underwent significant rehabilitation in 1966. Some minor repairs were subsequently completed in 1990. The bridge is currently structurally deficient and has elements in poor condition; however, the bridge still adequately meets current vehicular loading requirements.
- In 2014, an agreement for professional services was entered into with Shuck-Britson, Inc. for an in-depth evaluation of Locust Street, Walnut Street, and Court Avenue Bridges. Via a life-cycle cost analysis of rehabilitation versus replacement options for the Walnut Street Bridge, the replacement option was determined to have the lowest lifecycle cost.
- The Des Moines Area Metropolitan Planning Organization has allocated \$3.4 million in Federal Surface Transportation Block Grant Program funds for this project.

- As part of the design of the Grand Avenue Bridge, an aesthetic review committee was established to help guide the decision-making process regarding the future aesthetics of the downtown bridges. City Council's approved design concept and budget were the starting point for the committee. On April 6, 2015, by Roll Call No. 15-0572, City Council approved the revised design concept for the Grand Avenue replacement bridge to proceed with the "metal panel scallop" design concept. This same design concept was used on the Locust Street Bridge (currently under construction). The Walnut Street Bridge replacement is planned to utilize the same aesthetic appearance as the Grand Avenue Bridge and Locust Street Bridge.
- A Request for Proposals (RFP) for professional services was issued and posted on the City's website for replacement of the Walnut Street Bridge. A selection committee of Engineering staff reviewed and rated the two (2) proposals received in response to the RFP. Shuck-Britson, Inc. was selected based upon the selection criteria in the RFP and their project approach, understanding, and related technical experience having previously completed the designs of the Grand Avenue and Locust Street bridge replacements.
- City staff negotiated a PSA with Shuck-Britson, Inc. for a total cost not to exceed \$1,188,126, based on hourly rates, to provide engineering services for the design and construction phase services for the replacement of Walnut Street Bridge as well as improvements to the Simon Estes Amphitheater vertical access lift and east river wall of the Des Moines River, as described below.
- During negotiation of the PSA, additional services were added to the scope of the project which included evaluation, design, and construction phase services for repairs to the east river wall, between Walnut Street and Court Avenue. The U.S. Army Corps of Engineers had identified this section of river wall being in poor condition and had intended to include the repairs in the adjacent levee improvement project, but they were not able to complete the repairs. Due to the poor condition of the wall, it is important to complete the repairs in a timely manner. Given the proximity to the bridge, the repair work can easily be included in the bridge construction project. Additionally, due to the modifications of the existing bridge abutments, this PSA includes the necessary design and construction phase services for the installation of a new vertical access elevator lift at Simon Estes Amphitheater in order to remain in compliance with the Americans with Disabilities Act (ADA) requirements.

PREVIOUS COUNCIL ACTION(S):

Date: January 27, 2014

Roll Call Number: [14-0116](#)

Action: [Approving](#) Professional Services Agreement with Shuck-Britson, Inc. for the Des Moines River Downtown Bridges Evaluation, not to exceed \$171,397. ([Council Communication No. 14-022](#)) Moved by Mahaffey to adopt. Motion Carried 5-2.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

- City staff does not anticipate any future Council actions on this PSA; however, unanticipated changes to this PSA will require a Supplemental Agreement, which may require Council action.
- Future Council action will be required to execute the Iowa Department of Transportation (IDOT) funding agreement.

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