


COUNCIL COMMUNICATION

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|  CITY OF DES MOINES OFFICE OF THE CITY MANAGER | Number: | 23-009 | Meeting: | January 9, 2023 |
| | Agenda Item: | 9 | Roll Call: | 23-0013 |
| | Submitted by: | Steven L. Naber, P.E., City Engineer | | |

AGENDA HEADING:

Approving Professional Services Agreement (PSA) with Shuck-Britson, Inc. for professional services for the Fleur Drive Bridge over Raccoon River Rehabilitation, not to exceed \$123,981.

SYNOPSIS:

Recommend approval of 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 \$123,981, based on hourly rates and reimbursable costs, to provide a structural evaluation report and preliminary design services for the Fleur Drive Bridge over Raccoon River Rehabilitation.

FISCAL IMPACT:

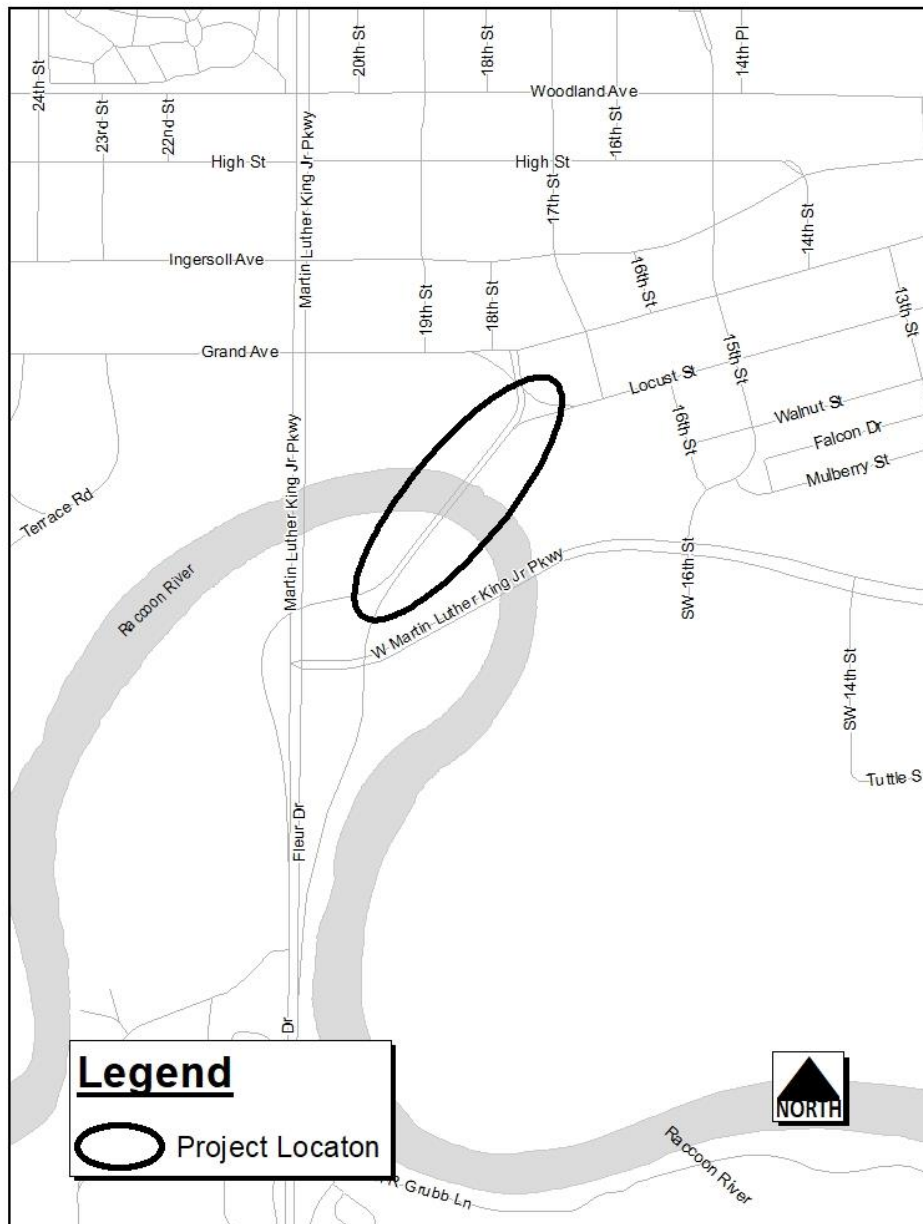
Amount: \$123,981

Funding Source: 2022-23 CIP, Page 29, Fleur Drive Bridge over Raccoon River, BR063, Gaming Monies.

ADDITIONAL INFORMATION:

- This project provides for the rehabilitation and repair of the Fleur Drive Bridge over the Raccoon River, originally constructed in 1936.
- The City has received \$2,000,000 in Surface Transportation Block Grant Funds programmed in Federal Fiscal Year (FY) 2025 to help fund the estimated \$3,500,000 project.
- In preparation for the Ingersoll Run Outlet sewer construction and to develop a plan to improve the area of 18th Street between Locust Street and Ingersoll Avenue, in 2020 the City and its traffic engineering consultant completed a traffic study for the area and developed conceptual plan for improvements that includes reducing the number of travel lanes across the Fleur Drive Bridge over Raccoon River to provide one (1) travel lane in each direction, allowing for improved pedestrian and bicycle facilities across the bridge. A public meeting was held via Zoom on December 15, 2020, to present the recommended concept plan and obtain public input.
- A Request for Proposals (RFP) for professional services for Fleur Drive over Raccoon River Bridge Rehabilitation was issued and posted on the City's website. A selection committee including Engineering Department staff reviewed the six (6) proposals received in response to the RFP. Shuck-Britson, Inc. was selected to provide services for this project based upon the selection criteria in the RFP and their thorough project approach, understanding, and related project experience.

- City staff has negotiated a PSA with Shuck-Britson, Inc. for a total cost not to exceed \$123,981, based on hourly rates and reimbursable costs, to provide a structural evaluation report and conceptual/preliminary design services for the Fleur Drive Bridge over Raccoon River Rehabilitation.
- Professional services include performing a structural evaluation to investigate the current condition, conduct material sampling and testing, document the progression of deterioration since past repairs were completed, development of a load rating and alternatives analysis, provide cost analysis and life cycle cost analysis for rehabilitation alternatives. This work will be summarized in a written Structural Evaluation Report. Professional services under this PSA also include development of concept drawings and graphic renderings of alternative bridge cross sections in accordance with the traffic study completed for the area in 2020.
- The structural evaluation report and preliminary design services for the Fleur Drive Bridge over Raccoon River Rehabilitation are scheduled to be completed in the summer 2023, allowing for the detailed design to start for a targeted IDOT letting in the fall/winter 2024.



PREVIOUS COUNCIL ACTION(S):

Date: December 21, 2020

Roll Call Number: [20-2083](#)

Action: [Submittal](#) of Federal Surface Transportation Block Grant (STBG) Fiscal Year 2025 applications to the Des Moines Metropolitan Planning Organization (MPO). ([Council Communication No. 20-551](#)) Moved by Boesen to adopt. Motion carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Supplemental agreement(s) for final design (Phase II) and limited construction phase services (Phase III) are anticipated, and will be based on the rehabilitation strategy and geometric configuration selected during Phase I.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.