



Council Communication

Office of the City Manager

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| Date | February 25, 2008 |
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| Agenda Item No. | 6A |
| Roll Call No. | 08- |
| Communication No. | 08-087 |
| Submitted by: | Jeb E. Brewer, P.E. City Engineer |

AGENDA HEADING:

Ordering construction of the following: Fleur Drive Bridge over the Raccoon River Rehabilitation - receiving bids, (3-25-08), and setting date of hearing, (4-7-08). (Construction Estimate - \$1,577,664)

SYNOPSIS:

Proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. Recent bridge inspections have found that this bridge, which was originally built in 1936 and rehabilitated in 1970, is showing signs of deterioration. This project will rehabilitate the superstructure and substructure, including cleaning and painting of the structural steel girders, thereby extending the service life of the bridge by 20 to 30 years.

FISCAL IMPACT:

Amount: \$1,577,664 City Engineer's Estimate

Funding Source: 2007-2008 CIP, Page Bridge-17, Structural Repair - Corrosion Protection, BRV039, \$800,000 in Tax Increment Funds and \$777,664 in G. O. Bonds

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Fleur Drive Bridge over the Raccoon River Rehabilitation, 12-2007-005. The improvement includes rehabilitation of the existing bridge superstructure and substructure including concrete removal, structural concrete (bridge), structural steel, reinforced neoprene, steel extrusion joint with neoprene, concrete repair (median and sidewalk), concrete repair (barrier rail), concrete repair (substructure), bridge floor overlay repairs, bridge floor overlay (full depth), sidewalk removal and replacement, jack girders and reset bearings, trim girder ends, drain pipe, epoxy injection, pavement joint repairs, reinforced neoprene trough installation, carbon fiber reinforcing polymer furnish and install, approach repairs, curb repairs, concrete waterproofing, containment, blast cleaning structural steel, paint waste transport/disposal, painting of structural steel, pavement markings/symbols and message boards, construction survey, project sign, traffic control and mobilization; all work in accordance with the contract documents including Plan File Nos. 486-082/134, on the Fleur Drive Bridge over the Raccoon River in Des Moines, Iowa.

The estimated construction cost is \$1,577,664. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

PREVIOUS COUNCIL ACTION(S):

Date: May 7, 2007

Roll Call Number: [07-841](#)

Action: Approving Professional Services Agreement for the following:

- (B) [Evaluation](#), design, and construction phase services for the Fleur Drive Bridge over the Raccoon River Rehabilitation, Shuck-Britson, Inc., not to exceed \$188,260. ([Council Communication No. 07-265](#)) Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.