

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date	April 12, 2010
	Agenda Item No. 57 Roll Call No. <u>10-</u> Communication No. <u>10-193</u> Submitted by: Jeb E. Brewer, P.E., City Engineer	

AGENDA HEADING:

Hearing on S.W. 7th Street Bridge over the Raccoon River Rehabilitation: Resolution approving plans, specifications, form of contract documents, engineer’s estimate, receive and file bids, and designating lowest responsible bidder as Cramer and Associates, Inc., Robert Cramer, President/CAO, \$1,433,246.20.

SYNOPSIS:

This is a public hearing to allow for public input on the S.W. 7th Street Bridge over the Raccoon River Rehabilitation and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. The rehabilitation of the S.W. 7th Street Bridge over the Raccoon River was identified as a high priority project on the 2009 City-Wide Bridge and Structure Evaluation. The contractor will be required to maintain one lane of traffic in each direction during construction. However, there will be limited times when the bridge will be entirely closed for construction.

FISCAL IMPACT:

Amount: \$1,433,246.20 Construction Contract (\$1,715,469 City Engineer's Estimate)

Funding Source: 2010-2011 CIP, Page Bridge-15, S.W. Seventh Street Bridge over the Raccoon River, BRV046, Being: Project is eligible for 80% HBRR funding up to a maximum of \$1,000,000 under Agreement No. 01-09-HBRRU-005, with the remaining \$433,246.20 from G. O. Bonds

ADDITIONAL INFORMATION:

Due to the condition of this structure, it has become eligible for Federal Highway Bridge Program Funds and the City has an agreement with Iowa Department of Transportation funding 80% of the construction costs up to a maximum of \$1,000,000.

Recent bridge inspections have determined that this structure, which was originally constructed in 1915 and last rehabilitated in 1968, is showing signs of deterioration and should be rehabilitated. Work included in the project consists of deck repairs, expansion joint replacement, placement of a high-density Portland cement concrete overlay, repair of structural elements including piers, columns, and arches, and repair of curbs, sidewalks, and approach pavement. Because this will be a major rehabilitation of the existing structure, traffic will be restricted to one lane of traffic in each direction for most of the construction period. However, there will be limited times when the bridge will be entirely closed for construction.

On March 8, 2010, under Roll Call No. 10-331, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the S.W. 7th Street Bridge over the Raccoon River Rehabilitation. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the S.W. 7th Street Bridge over the Raccoon River Rehabilitation, 12-2009-002. The improvement includes concrete removals, structural concrete, reinforcing steel, epoxy coated reinforcing steel, deck overlay, deck repair, steel extrusion joint with neoprene, neoprene gland installation and testing, blast cleaning structural steel, painting structural steel, removal of sidewalk, sidewalk 6" PCC, electrical circuit, construction survey, pavement markings, temporary concrete barrier rail, traffic control, changeable message sign, mobilization, bearing repair, epoxy crack injection and concrete repairs; all in accordance with the contract documents, including Plan File Nos. 509-119/149 for the S.W. 7th Street Bridge over the Raccoon River in Des Moines, Iowa.

Sealed bids for said improvement were submitted by the following bidders:

Cramer and Associates, Inc., Grimes, IA
PCI Roads, St. Michael, MN

The bids, in accordance with a previously approved Iowa DOT Agreement, were received and opened by the Iowa DOT on March 16, 2010.

The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Cramer and Associates, Inc., Robert Cramer, President/CAO, 3100 S.W. Brookside Drive, Grimes, IA, 50111 in the amount of \$1,433,246.20, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.

PREVIOUS COUNCIL ACTION(S):

Date: March 8, 2010

Roll Call Number: 10-331

Action: Ordering construction of SW 7th Street Bridge over the Raccoon River Rehabilitation: Receiving of bids, (3-16-10), and Setting date of hearing, (4-12-10). (Construction Estimate-\$1,715,469). (Council Communication No. 10-131) Moved by Hensley to adopt. Motion Carried 7-0.

Date: April 20, 2009

Roll Call Number: 09-611

Action: Shuck-Britson, Inc. for evaluation, design, and construction phase services for the SW 7th Street Bridge over the Raccoon River Rehabilitation, not to exceed \$196,733. (Council Communication No. 09-240) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: March 9, 2009

Roll Call Number: 09-366

Action: Approving execution of Iowa Department of Transportation Agreement for S.W. 7th Street over Raccoon River Bridge Rehabilitation. (Council Communication No. 09-143) Moved by Vlassis to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Partial payments to the contractor and final acceptance of work.

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