



Council Communication

Office of the City Manager

Date

March 22, 2010

Agenda Item No. **5C**
Roll Call No. **10-**
Communication No. **10-159**
Submitted by: **Jeb E. Brewer, P.E.**
City Engineer

AGENDA HEADING:

Ordering construction of the following: Highland Hills Sanitary Sewer Lining - Receiving bids, (4-13-10), and Setting date of hearing, (4-26-10). (Construction Estimate - \$875,000).

SYNOPSIS:

Recommend the City Council 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. In the summer of 2008, there was extensive damage across Iowa from flooding and other severe weather. The Iowa Department of Economic Development has awarded the City of Des Moines a grant under the Infrastructure Assistance program, as part of the Federal Disaster Relief program under the Jump Start Program for Housing Assistance, Small Business Assistance, and Infrastructure Assistance. The lining of the Eastern Portion of the Highland Hills Sanitary Sewer System will be accomplished using two separate contracts. The first contract for cleaning and televising was awarded on October 12, 2009. This lining project will be the second contract to be funded from the grant.

FISCAL IMPACT:

Amount: \$875,000 City Engineer's Estimate

Funding Source: 2010-2011 CIP, Page Sanitary-11, Highland Hills Sewer Lining, SAE131, Being: \$806,700 in HUD Disaster funds from the Iowa Department of Economic Development for 100% of construction costs associated with the lining of the Highland Hills Sanitary System (\$1,200,000 maximum less \$393,300 for 07-2010-001 cleaning contract) in Federal Jumpstart Infrastructure Assistance funds with the remaining \$68,300 in sanitary sewer funds

ADDITIONAL INFORMATION:

In the summer of 2008, there was extensive damage across Iowa from flooding and other severe weather. As part of the Federal Disaster Relief program, the State of Iowa has funds available under the Jump Start Program for Housing Assistance, Small Business Assistance, and Infrastructure Assistance. The first selection considered any project submitted by an authorized agency to the IDED by February 18, 2009. The Jump Start program had \$15.75 million in CBDG funds for Infrastructure Assistance to allocate State-wide.

On February 9, 2009, under Roll Call Number 09-230, the City Council authorized submittal of four project applications under the Infrastructure Assistance Program. The projects were identified as those being the most competitive in the grant selection criteria. Important criteria considered were the direct

relationship of the project to the 2008 disaster, threat to health, safety, or welfare, benefit to low and moderate-income persons and burden associated to the same group if local revenue was used to accomplish the project and the ability to construct the projects quickly. The four project applications submitted were as follows:

1. \$2,000,000 for construction of a storm sewer-lining project in the Livingston area south of the Des Moines River. This project will install a cured-in-place liner in the existing storm sewer. The storm sewers were damaged in several locations within this area during the 2008 flooding and rain events. This project will reduce the incidence of damage due to future high river levels.
2. \$1,200,000 for construction of a sanitary sewer-lining project in the East Highland Hills area. This project will install a cured-in-place liner in existing sanitary sewers in areas where damage to the sanitary sewer occurred in the 2008 flood due to extremely high wet weather sewer flows. This project will prevent future sanitary sewer collapses and help protect the community health.
3. \$2,500,000 for the installation of emergency stand-by power generators in the five storm water pump stations in the Central Place and Birdland basins.
4. \$750,000 funding request for the final design of the Birdland and Central Place levees to be designed by the US Army Corps of Engineers.

The design and construction phase services for these proposed projects will be paid with sanitary and storm water utility fees.

Three of the four projects submitted were selected for funding, and the City of Des Moines has received contracts from the IDED for the following:

- Contract Number 08-DRI-005 in the amount of \$2,500,000 for Five Storm Water Pump Stations in the Birdland and Central Place Areas,
- Contract Number 08-DRI-006 in the amount of \$2,000,000 for Livingston Avenue Storm Sewer System Lining,
- Contract Number 08-DRI-007 in the amount of \$1,200,000 for Lining of the Sanitary Sewers in the Eastern Portion of the Highland Hills Sanitary Sewer Subsystem.

These three grants were approved by the City Council on May 18, 2009, under Roll Call No. 09-832.

The lining of the Eastern Portion of the Highland Hills Sanitary Sewer System will be accomplished using two separate contracts. The first contract being presented is the cleaning and televising of the sewers. The second contract to be funded from the grant will be the actual lining.

On October 12, 2009, under Roll Call No. 09-1887, the City Council awarded a contract to Mid-America Pipe Services, LLC, Moscow Mills, Missouri, in the amount of \$393,300, for the Highland Hills Sanitary Sewer Televising.

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Highland Hills Sanitary Sewer Lining, 07-2010-002. The improvement includes cleaning and lining of approximately 25,000 lineal feet of 8" through 18" sanitary sewer; all in accordance with the contract documents, including Plan File Nos. 517-001/005 at an area bounded by S.W. 9th Street, Army Post Road, S.W. 14th Street and County Line Road, Des Moines,

Iowa.

The estimated construction cost is \$875,000. 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: October 12, 2009

Roll Call Number: 09-1886

Action: On Highland Hills Sanitary Sewer Televising: Resolution approving plans, specifications, form of contract documents, engineer's estimate and designating lowest responsible bidder as Mid-America Pipe Services, LLC, (Lynn Norman, Member), \$393,300. (Council Communication No. 09-725) Moved by Vlassis to adopt. Motion Carried 7-0.

Date: October 12, 2009

Roll Call Number: 09-1887

Action: Approving contract and bond, and permission to sublet. Moved by Vlassis to adopt. Motion Carried 7-0.

Date: May 18, 2009

Roll Call Number: 09-832

Action: Approving execution of three (3) CDBG Disaster Recovery Infrastructure Grants with the Iowa Department of Economic Development. (Council Communication No. 09-338) **Moved** by Kiernan to adopt. Motion Carried 6-1. Absent: Cownie.

Date: February 9, 2009

Roll Call Number: 09-230

Action: Submission of four (4) CDBG Disaster Recovery Infrastructure Applications to the Iowa Department of Economic Development. (Council Communication No. 09-063) Moved by Kiernan to adopt. Motion Carried 6-1. Absent: Cownie.

Date: October 13, 2008

Roll Call Number: 08-1810

Action: Approving Jumpstart Small Business Assistance Program Grant Agreement. Sponsor: Mahaffey. (Council Communication No. 08-627) Moved by Mahaffey to approve. Motion Carried 6-1. Absent: Cownie.

Date: September 30, 2008

Roll Call Number: 08-1711

Action: Approving Jumpstart Housing Assistance Program Grant Agreement and Application for Jumpstart Small Business Assistance and CDBG Supplemental Funds to assist with recovery efforts due to flooding. Sponsor: Mahaffey. (Council Communication No. 08-589) **Moved** by Mahaffey to refer to the City Manager to review energy efficiency and elevation of the homes and businesses. Motion Carried 6-1.

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.

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