

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: May 24, 2010
	Agenda Item No. 7E Roll Call No. <u>10-785</u> Communication No. <u>10-291</u> Submitted by: Jeb E. Brewer, P.E. City Engineer

AGENDA HEADING:

Ordering construction of the following: Pump Station Emergency Power Generation - Phase 2 - Receiving bids, (6-15-10), and Setting date of hearing, (6-28-10). (Construction Estimate - \$1,520,000).

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. This project provides for the installation of emergency generators at five storm water pump stations. The generators will provide power for the pumps during times when the conventional Mid American Energy electrical feeds are disrupted.

FISCAL IMPACT:

Amount: \$1,520,000 City Engineer's Estimate

Funding Source: 2010-2011 CIP, Page Storm-16, Storm Water Pump Station Emergency Power Generation, STE084, Being: HUD Disaster funds from the Iowa Department of Economic Development (IDED) for 100% of construction costs associated with the Pump Station Emergency Power Generation with a \$2,500,000 maximum in Federal Jump Start Infrastructure Assistance 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 made 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. One of the four project applications submitted was \$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. These pumping stations currently have redundant commercial feeds, but not stand-by power generators on-site. The near loss of both commercial feeds during the 2008 flood demonstrated the immediate need to install stand-by power for these pump stations.

The City of Des Moines received Contract Number 08-DRI-005 from the IDED in the amount of \$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. IDED later changed the Contract Number to 08-DRI-205. The grant was approved by the City Council on May 18, 2009, under Roll Call No. 09-832.

The Engineering Department has prepared plans, specifications, form of contract documents and City Engineer's estimate for the construction of the Pump Station Emergency Power Generation - Phase 2, 08-2010-004. The improvement includes installing new generators for various storm water pump stations, removing pavement and existing fence, constructing new generator pads, fence and Portland Cement Concrete driveways, surface restoration and other incidental items; in accordance with the contract documents, including Plan File Nos. 516-128/143, at the following storm water pump stations:

Franklin Avenue Pump Station - Franklin Avenue and Ohio Street
Clark Street Pump Station - Clark Street and Michigan Street
Indiana Avenue Pump Station - Indiana Avenue and Vermont Street
Oxford Street Pump Station - Oxford Street and Guthrie Avenue.

The estimated construction cost is \$1,520,000. The proposed plans, specifications and form of contract documents are available for public inspection in the City Engineer's Office.

PREVIOUS COUNCIL ACTION(S): NONE

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.

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.

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